CLEMSON COLLEGE LIBRARY

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THE CLEMSON AGRICULTURAL COLLEGE

RECORD

FIFTY-THIRD YEAR

CATALOG REPRINT

1942-1943
1943-1944
1944-1945

Abbreviated Edition

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COLLEGE CALENDAR

1942-1943

First Semester ---------- September 9-January 30
Christmas Holidays ---------- December 18-January 3
Second Semester ---------- February 1-May 24
Graduating Exercises ---------- May 24
First Term, Summer Semester ---------- May 31-July 24
Second Term, Summer Semester ---------- July 26-September 18

1943-1944

First Semester ---------- September 22-January 29
Christmas Holidays ---------- December 18-January 2
Second Semester ---------- January 31-May 20
Graduating Exercises ---------- May 14
First Term, Summer Semester ---------- June 5-July 28
Second Term, Summer Semester ---------- July 31-September 23

1944-1945

First Semester ---------- September 25-February 3
Christmas Holidays ---------- December 21-January 3
Second Semester ---------- February 5-May 28
Graduating Exercises ---------- May 20
First Term, Summer Semester ---------- June 4-July 28
Second Term, Summer Semester ---------- July 30-September 22

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1945

JANUARY

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JANUARY

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DECEMBER

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COLLEGE CALENDAR

SESSION 1945-1946

Matriculation, new students	September 24
First payment due Treasurer, new students	September 24
Matriculation, upperclassmen	September 26
First Payment due Treasurer, upperclassmen	September 26
Registration, upperclassmen	September 27
Second payment due Treasurer, all students	November 26
Christmas Holidays begin at 1 P. M.	December 20
Christmas Holidays end at 10 P. M.	January 2
First Semester ends	February 2
Third payment due Treasurer, all students	February 4
Registration, Second Semester	February 4
Fourth payment due Treasurer, all students	April 1
Second Semester ends	May 27

SUMMER SEMESTER 1946

Matriculation and Registration, new students	June 3
Matriculation, upperclassmen	June 3
Registration, upperclassmen	June 4
First half of Summer Semester ends	July 27
Second half of Summer Semester begins	July 29
Summer Semester ends	September 21

The above schedule is subject to change by the Faculty.

BOARD OF TRUSTEES

Life Members

W. W. Bradley, *Chairman*—Columbia, Richland County
Paul Sanders—Ritter, Colleton County
J. E. Sirrine—Greenville, Greenville County
Christie Benet—Columbia, Richland County
T. B. Young—Florence, Florence County
R. M. Cooper—Wisacky, Lee County
J. F. Byrnes—Spartanburg, Spartanburg County

Term Expires 1946

S. H. Sherard—Ninety Six, Greenwood County
W. C. Graham—Pamplico, Florence County
Edgar A. Brown—Barnwell, Barnwell County

Term Expires 1948

F. E. Cope—Cope, Orangeburg County
J. P. Mozingo, III—Darlington, Darlington County
J. B. Douthit, Jr.—Pendleton, Anderson County

S. W. Evans, *Secretary*—Clemson, S. C.

STANDING COMMITTEES OF BOARD

Agricultural: Sherard, *Chairman;* Young, Cooper, Sanders, Cope, Douthit.
(This committee is also the Veterinary Committee, the Crop Pest Commission, and the Experiment Station Board of Control.)

Executive: Benet, *Chairman;* Sirrine, Young, Cooper, Brown, Graham, Byrnes.

Fertilizer: Cope, *Chairman;* Sherard, Sanders, Douthit, Graham, Mozingo.

Finance: Benet, Sirrine, Brown, Douthit, Mozingo.

STATED MEETINGS OF BOARD

3:00 P.M.—Third Friday in March.
3:00 P.M.—Third Friday in June.
3:00 P.M.—Fourth Monday in October.

BOARD OF VISITORS

1942

J. Ross Hanahan ---------- Charleston
(Hold-over member)
J. Harvey Cleveland ---------- Cleveland
Robert A. Easterling ---------- Denmark
J. R. Funderburk ---------- Lancaster
A. B. Jackson ---------- Anderson
J. E. Leppard ---------- Chesterfield
William M. Perry ---------- Columbia
Robert T. Rosamond ---------- Charleston
Colin Segars ---------- Hartsville
John B. Sloan ---------- Greenwood
A. E. Creamer ---------- Florence

1943

J. Harvey Cleveland ---------- Cleveland
(Hold-over member)
R. M. Jolley ---------- Greenville
W. A. Barnette ---------- Greenwood
Henry M. Cleveland ---------- Spartanburg
Robert A. Easterling ---------- Denmark
J. N. McBride ---------- Savannah, Ga.
D. K. McColl ---------- Bennettsville
L. S. Mitchell ---------- Walterboro
A. W. Skardon ---------- Walterboro
J. B. Pruitt ---------- Anderson

1944

J. Harvey Cleveland ---------- Cleveland
(Hold-over member)
J. E. Aiken ---------- Florence
H. E. Holder ---------- Pickens
B. M. Jenkins, Jr. ---------- Kline
J. Moore Mars ---------- Abbeville
Homer Pace ---------- Charleston
Verd Peterson ---------- Columbia
Lee Skipper ---------- Lancaster
E. T. H. Shaffer ---------- Walterboro
E. D. Sumner ---------- Hartsville
W. Royden Watkins ---------- Columbia

OFFICERS CLEMSON ALUMNI CORPORATION
1942-1943 and 1943-1944

President

J. S. Williamson, '16 ---- Columbia, S. C.

First Vice-President

R. H. Fike, '08 ---- Atlanta, Ga.

Second Vice-President

C. N. Gignilliat, '02 ---- Seneca, S. C.

Secretary-Treasurer

J. H. Woodward, Ex. '03 ---- Clemson, S. C.

Assistant Treasurer

S. W. Evans, Ex. '02 ---- Clemson, S. C.

Board of Directors

District 1—E. P. Josey, '12 ---- Anderson, S. C.
District 2—*Harry T. Poe, '02 ---- Greenville, S. C.
District 3—W. J. Erwin, '21 ---- Great Falls, S. C.
District 4—B D Carter, '07 ---- Bamberg, S. C.
District 5—M. E. Zeigler, '02 ---- Orangeburg, S. C.
District 6—George Warren, '08 ---- Hampton, S. C.
District 7—T. W. Thornhill, '14 ---- Charleston, S. C.
District 8—J. T. Lazar, '12 ---- Florence, S. C.
District 9—R. H. Fike, '08 ---- Atlanta, Ga.
District 10—F. J. Jervey, '14 ---- Washington, D. C.
District 11—John M. Rodger, '02 ---- Chicago, Ill.
District 12—W. B. Camp, '16 ---- Bakersfield, Calif.

Directors at Large

Fritz M. Furtick, '07 ---- Salina, Kans.
Cecil L. Reid, '02 ---- Fredericksburg, Va.
W. C. Herron, '17 ---- Anderson, S. C.

*Deceased.

OFFICERS OF ADMINISTRATION

ROBERT FRANKLIN POOLE, PH.D., D.Sc.
President

WILLIAM ALEXANDER CUNNINGHAM, COLONEL, INFANTRY
U. S. ARMY
Commandant and P. M. S. and T.

SAMUEL WILDS EVANS
Treasurer and Secretary of Board of Trustees

JAMES CORCORAN LITTLEJOHN, B.S.
Business Manager

LEE W. MILFORD, M.D.
Surgeon

GUSTAVE ERNEST METZ, B.S., M.A.
Registrar

HERBERT PRESS COOPER, PH.D.
Dean, School of Agriculture and
Director, Agricultural Experiment Station

WILLIAM BARRE AULL, B.S.
Vice-Dean, School of Agriculture

RUPERT ALONZO McGINTY, B.S., A.M.
Vice-Director, Agricultural Experiment Station

FRED HARVEY HALL CALHOUN, PH. D.
Dean, School of Chemistry

FRANCIS MARION KINARD, A.B., A.M., LITT.D.
Dean, School of General Science

DAVID WISTAR DANIEL, A.M., LITT.D.
Dean Emeritus, School of General Science

SAMUEL BROADUS EARLE, A.M., M.E., LL.D.
Dean, School of Engineering

*WILLIAM HAROLD WASHINGTON, B.S., M.S.
Dean, School of Vocational Education

ROBERT KNIGHT EATON, A.B.
Acting Dean, School of Textiles

*BRUCE DAYVAULT CLOANINGER, B.S.
Secretary, Board of Fertilizer Control

WALTER KEYS LEWIS, V.S., M.D.V.**
Director of Livestock Sanitary Work, State Veterinarian

DAVID WAYNE WATKINS, B.S., M.A.
Director of Extension Service

CORNELIA AYER GRAHAM, B.S.
Librarian

*On military leave.
**Office: John C. Calhoun State Office Building, Columbia, S. C.

†FACULTY

ROBERT FRANKLIN POOLE
President
Ph.D., Rutgers University; D.Sc., Clemson Agricultural College.

*Ambrose, Luther Rutherford, *Assistant in Forge and Foundry and Machine Shop.*
B.S., Clemson Agricultural College, 1939.

*Anderson, Robert Lovell, *Associate Professor of Architecture.*
A.B., Princeton University, 1925; Graduate Work, Columbia University, 1925-1926; Harvard University, 1929-1930; Institute d'Art et d'Archaeologie, Sorbonne, Summer 1929; New York University, Summer 1936.

Armstrong, George Miller, *Head of Botany and Bacteriology Department, Professor of Botany and Bacteriology.*
B.S., Clemson Agricultural College, 1914; M.A., University of Wisconsin, 1917; Ph.D., Washington University, 1921.

Aull, George Hubert, *Head of Agricultural Economics and Rural Sociology Department, Professor of Agricultural Economics.*
B.S., Clemson Agricultural College, 1919; M.S., University of Virginia, 1928; Ph.D., University of Wisconsin, 1937.

Aull, William Barre, *Vice-Dean, School of Agriculture, Professor of Bacteriology.*
B.S., Clemson Agricultural College, 1907; Graduate Work, University of Virginia, 1909-1910; Iowa State College, Summers 1925, 1927, 1928.

*Bell, Marshall Cornett, *Instructor in Mathematics.*
A.B., 1933, M.A., 1936, University of North Carolina.

**Bernhardt, Harvey Adolphus, *Associate Professor of Chemistry.*
A.B., Catawba College, 1937; Ph.D., University of North Carolina, 1941.

Blair, William Gardiner, *Assistant Professor of Carding.*
New Bedford Textile School, 1908; Clemson Agricultural College, Summer, 1927.

*Booker, Leonard Rowland, *Itinerant Teacher-Trainer Industrial Education.*
B.S., Clemson Agricultural College, 1925; M.S., University of Tennessee, 1932; Clemson Agricultural College, Summers, 1938, 1939.

*Bowen, William Clayton, *Assistant Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1932; M.S., Colorado State College, 1940.

*Bradbury, Douglas Wilson, *Assistant in Drawing.*
B.S., Clemson Agricultural College, 1940.

Bradley, Mark Edward *Head of English Department, Professor of English.*
A.B., Erskine College, 1898; Graduate Work, University of Chicago. Summers 1904, 1910; University of North Carolina, Summer 1927.

**Brandon, Theodore Edmond, *Assistant Professor of French and Spanish.*
B.A., 1938, M.A., 1939, University of Alabama; Graduate Work, University of Alabama, Summer 1939.

*On military leave.
**On leave.
†Faculty list compiled November 1, 1944.

BREWSTER, JAMES PENDLETON, *Assistant Professor of Mathematics.*
A.B., 1935. M.A., 1940, Duke University.

BRIGHTWELL, WILLIAM THOMAS, *Assistant Professor of Horticulture.*
B.S., University of Tennessee, 1938; M.S., Michigan State College, 1940.

BROCK, DEWEY CLIFTON, *Instructor in Wood Shop.*
B.S., University of South Carolina, 1925; Clemson Agricultural College, Summers 1936, 1937.

*BROCK, JOHN LELAND, *Acting Head of Industrial Education Department, Assistant Professor of Vocational Education.*
B. S., Clemson Agricultural College, 1927; M.A., George Peabody College, 1936.

*BROWN, HUGH MONROE, *Head of Physics Department, Professor of Physics.*
B.A., 1920, M.A., 1921, University of Denver; Ph.D., University of California, 1927.

BROWN, JONAS WILLIAM, *Instructor in Mathematics.*
B.S., North Carolina State College, 1931; Graduate Work, University of North Carolina, 1942.

**BURNS, ZED H., *Acting Assistant Professor of Vocational Education.*
B.S., 1927, M.S., 1929, Alabama Polytechnic Institute; Ed.D., University of Cincinnati, 1937; Post Doctoral Study, Columbia University, Summer 1941.

*BURTNER, FRANK A., JR., *Instructor in Economics and Sociology.*
B.A., 1939, M.A., 1939, University of Texas; Graduate Work, University of Texas, Summer 1940; Harvard University, Summer 1941.

BURTON, WILLIAM WILDER, *Associate Professor Emeritus of Mathematics.*
Ph.B., Brown University, 1906; M.A., Mercer University, 1918.

CALHOUN, FRED HARVEY HALL, *Dean, School of Chemistry and Geology; Professor of Geology and Mineralogy.*
B.S., 1898, Ph.D., 1902, University of Chicago.

CAMPBELL, THOMAS ALEXANDER, JR., *Assistant Professor in Textiles.*
B.S., Clemson Agricultural College, 1928; Graduate Work, Pennsylvania State College, Summers 1939, 1940, 1941.

CARODEMOS, PETER, *Professor of Chemistry.*
B.S., Tufts College, 1922; Ph.D., Cornell University, 1927; Harvard University, Summer 1932; Massachusetts Institute of Technology, Summer, 1941.

CARTEE, EUGENE FRANKLIN, *Head of Warp Preparation and Knitting Department, Acting Associate Professor of Warp Preparation and Knitting.*
B.S., Clemson Agricultural College, 1925; M.S., University of Tennessee, 1937; Graduate Work, Pennsylvania State College, Summer, 1941.

*CARTER, CLIFTON WALKER, *Instructor in Drawing.*
B.S., Clemson Agricultural College, 1933.

CLARKE, ELWYN LORENZO, *Head of Civil Engineering Department, Professor of Civil Engineering.*
B.S. in C.E., 1902, C.E., 1931, University of Illinois.

COKER, EDWARD CALEB, JR., *Associate Professor of Mathematics.*
A.B., University of South Carolina, 1928; M.A., University of North Carolina, 1930; Graduate Work, Brown University, 1932; University of Chicago, Summers 1936, 1938, 1939; University of Chicago, 1939-1940.

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*On leave.
**On military leave.

COLLINGS, GILBEART HOOPER, *Professor of Soils.*
B.S., Virginia Polytechnic Institute, 1915; M.S., University of Illinois, 1917; Ph.D., Rutgers University, 1925.

COOPER, HERBERT PRESS, *Dean, School of Agriculture; Director, Agricultural Experiment Station; Head of Agronomy Department; Professor of Agronomy.*
B.S., Clemson Agricultural College, 1911; M.S., University of Wisconsin, 1916; Ph.D., Cornell University, 1922.

COUCH, JAMES HOUSTON, *Instructor in Metal Shops.*
B.S., Clemson Agricultural College, 1941.

*COX, H. MORRIS, *Assistant Professor of English.*
A.B., 1937, M.A., 1939, Duke University.

COX, WALTER THOMPSON, *Assistant Coach.*
B.S., Clemson Agricultural College, 1939.

CRANDALL, WILL GILES, *Head of Agricultural Education Department, Professor of Vocational Education.*
B.S., 1920, M.S., 1941, Cornell University.

CROUCH, SYDNEY J. L., *Head of Religion Department, Professor of Religion.*
Scotch College, Western Australia, 1910; Biblical Seminary, New York, 1915; B.D., Hartford Theological Seminary, 1922; Th.D., Union Theological Seminary, Richmond, Virginia, 1937.

CUNNINGHAM, WILLIAM ALEXANDER, *Professor of Military Science and Tactics, Commandant of Cadets, Head of Military Activities.*
Colonel, Infantry, U. S. Army; B.S. C.E., Vanderbilt University, 1908; B.L., University of Georgia, 1913; Post Graduate Law, University of Michigan; Graduate Infantry School, 1921.

CURTIS, DONALD DEXTER, *Professor of Mechanics and Hydraulics.*
B.E., University of Iowa, 1919; Graduate Work, University of Washington, Summer 1923; M.S., University of Iowa, 1931.

DANIEL, DAVID WISTAR, *Dean Emeritus, School of General Science; Professor of English.*
A.B., Wofford College, 1892; M.A., Vanderbilt University, 1901; Graduate Work, University of Chicago, Summer 1899; Litt.D., Wofford College, 1914.

*DEAN, JORDAN ARTHUR, *Instructor in English and French.*
A.B., Wofford College, 1933; M.A., Vanderbilt University, 1934; Graduate Work, University of Illinois, 1937.

*DOUGLASS, GEORGE ARCHIBALD, *Assistant in Engineering.*
B.S., Clemson Agricultural College, 1931; Graduate Work, Virginia Polytechnic Institute, Summer 1940.

DUNAVAN, DAVID, *Associate Professor of Entomology and Zoology.*
B.S., Oregon Agricultural College, 1925; M.S., Iowa State College, 1928; Graduate Work, Cornell University, Summers 1929, 1931, 1935.

DUNCAN, TALMADGE EDWARD, *Acting Associate Professor of Agricultural Education.*
B.S., Mississippi State College, 1930; Graduate Work, Iowa State College, University of Alabama.

*DUNKELBERG, GEORGE H., *Associate Agricultural Engineer.*
B.S., 1937, M.S., 1938, Iowa State College

*On military leave.

EARLE, SAMUEL BROADUS, *Dean, School of Engineering; Professor of Mechanical Engineering; Director of Engineering Experiment Station.*
A.B., 1898, A.M., 1899, Furman University; M.E., Cornell University, 1902; LL.D., Furman University, 1932; General Electric Company.

EATON, ROBERT KNIGHT, *Acting Dean, School of Textiles; Head of Carding and Spinning Department; Professor of Carding and Spinning.*
A.B., Bowdoin College, 1905; Graduate Work, Philadelphia Textile School, 1905, 1906.

EDWARDS, GEORGE HERBERT, JR., *Associate Professor of Mathematics.*
B.A., M.A., University of South Carolina, 1918; Graduate Work, University of Chicago, Summer 1915, Columbia University 1917-1918, Summer 1919.

EPTING, CARL LAFAYETTE, *Associate Professor of History and Government.*
A.B., Newberry College, 1921; A.M., University of South Carolina, 1924; Graduate Work, University of South Carolina, 1926, 1928, 1932-1934; University of North Carolina, Summers 1927, 1928.

ERNESTI, ROGER, *Instructor in Military Science.*
Captain, Infantry Reserve, U. S. Army.

FEELEY, ROBERT OLIVER, *Head of Veterinary Science Department, Professor of Veterinary Science.*
D.V.S., New York University, 1906.

FERNOW, BERNHARD EDWARD, *Head of Mechanical Engineering Department, Professor of Mechanical Engineering.*
A.B., 1904, M.E., 1906, Cornell University.

FERRIER, WALLACE THOMAS, *Associate Professor of Agricultural Economics.*
A.B., Tarkio College, 1910; M.S., Colorado State College, 1930; Ph.D., University of Minnesota, 1938.

FREEMAN, EDWIN JONES, *Head of Industrial Engineering Department, Professor of Industrial Engineering.*
B.S., 1922, M.E., 1939, Clemson Agricultural College; M.S., Virginia Polytechnic Institute, 1942.

FRITTS, GEORGE HENRY, JR., *Assistant Coach.*
B.S., Clemson Agricultural College, 1942.

GAGE, GASTON, *Associate Professor of Carding and Spinning.*
B.S., Clemson Agricultural College, 1921; M.S., Pennsylvania State College, 1941.

GLENN, HOWARD EMMITT, *Professor of Civil Engineering.*
B.S. in C.E., 1922, C.E., 1927, University of Kentucky; Graduate Work, Illinois Institute of Technology, Summer 1940.

GODFREY, WILLIAM EMERA, *Professor of Physics.*
A.B., 1893, A.M., 1898, Mercer University; Graduate Work, Summer Quarters 1898, 1899, 1900, University of Chicago; 1906-1907, Cornell University.

GOODALE, BEN EDMOND, *Professor of Dairying.*
B.S., 1922, M.S., 1929, Iowa State College.

GREEN, CLAUD BETHUNE, *Assistant Professor of English.*
B.A., 1935, M.A., 1938, University of Georgia; Graduate Work, University of North Carolina, Summer 1938; University of Georgia, Summers 1938-1940; Duke University, Summer 1941.

GREEN, JOSEPH COLEMAN, *Associate Professor of English.*
B.A., 1920, M.A., 1924, Ph.D., 1937, Vanderbilt University.

GRIFFIN, MICHAEL JOSEPH, *Associate Commandant and Adjutant.*
First Lieutenant, U. S. Army; A.B., 1929, M.A., 1931, University of California; Graduate Work, 1934-1941, Administration, 1948, North Dakota Agricultural College.

GRIFFITH, LEWIS S., *Instructor in Military Science.*
Captain, Cavalry Reserve, U. S. Army.

HARDIN, ELLIOTT WANNAMAKER, *Assistant Professor of Religion.*
A.B., Wofford College, 1935; B.D., Duke University, 1938.

HARNEY, JAMES D., *Assistant Commandant.*
Second Lieutenant, Infantry Reserve, U. S. Army.

HARRIS, DAVID NIVIN, *Assistant Professor of Drawing.*
B.S., Clemson Agricultural College, 1908.

*HAUSER, EDWARD RICHARD, *Instructor in Animal Husbandry.*
B.S., University of Wisconsin, 1938; M.S., Oklahoma A. & M. College, 1939.

*HAWKINS, GARY FRED, *Instructor in Chemistry.*
B.S., Newberry College, 1935; Graduate Work, University of North Carolina, Summers 1939, 1940.

HENDRICKS, JESSE CODY, *Acting Head of Physics Department, Professor of Physics.*
B.S., Franklin College, 1925; M.A., 1928, Ph.D., 1930, Indiana University.

*HICKS, WILLIAM LYLES, *Instructor in Textiles.*
B.S., Clemson Agricultural College, 1931; Graduate Work, Furman University, Summer 1938; University of Tennessee, Summer 1939; University of South Carolina, Summers 1940, 1941.

*HINSON, CLAUDE RANDOLPH, *Assistant Coach.*
B.S., Clemson Agricultural College, 1936.

HOBSON, JAMES HARVEY, *Instructor in Chemistry.*
B.S., University of South Carolina, 1939.

HODGE, WYLIE FORT DUPRE, *Assistant Professor of Architecture.*
Clemson Agricultural College, 1907-1908, 1908-1909; New York School of Fine and Applied Arts, 1915-1916, 1920-1921; Further Work, R.R. Gallerie di Firenze, Italy, Summer 1931.

HODGES, BAXTER H., *Assistant Professor of Chemistry.*
B.S., Clemson Agricultural College, 1933; Graduate Work, University of North Carolina, Summers 1935, 1936, 1937, 1938, 1939; Virginia Polytechnic Institute, Summers 1940, 1941.

HOFFMAN, GILBERT EARL, *Assistant Professor of Architecture.*
B.Arch., Carnegie Institute of Technology, 1936; M.Arch. Massachusetts Institute of Technology, 1939; Graduate Work, Beaux Arts Institute of Design.

HOLMES, ALESTER GARDEN, *Professor of History.*
B.S., The Citadel, 1897; Graduate Work, University of Chicago, Summer 1911.

HOWARD, FRANK JAMES, *Head Coach of Intercollegiate Athletics.*
B.S., University of Alabama, 1931.

*HUCKABEE, MARVIN L., *Instructor in Textile Chemistry and Dyeing.*
B.S., Clemson Agricultural College, 1933; M.S., University of North Carolina, 1942.

*HUFF, LORENZ DITMAR, *Associate Profcssor of Physics.*
A.B., 1927, M.S., 1928, Oklahoma University; Ph.D., California Institute of Technology, 1931.

*On military leave.

*HUNTER, HOWARD L., *Associate Professor of Chemistry.*
B.Chem., 1925, Ph.D., 1928, Cornell University; Massachusetts Institute of Technology, Summer 1939.

HUNTER, JOSEPH EVERETT, *Professor of Mathematics.*
B.S., Clemson Agricultural College, 1896; Graduate Work, University of Chicago, Summers 1902, 1904, 1910; University of North Carolina, Summer 1928.

*JONES, JESS WILLARD, *Instructor in Agronomy.*
B.S., Clemson Agricultural College, 1937; M.S., Cornell University, 1938.

JONES, MARIE PORCHER, *Acting Itinerant Teacher-Trainer Industrial Education.*
B.S., Queens College, 1911; Summer Work, Georgia School of Technology, 1925 and 1926; Columbia University, 1928 and 1929; Clemson Agricultural College, 1930 and 1937; Training Within Industry, War Manpower Commission, 1944.

*JONES, ROBERT MORGAN, *Assistant Coach.*
B.S., Clemson Agricultural College, 1930.

KELLY, LOUIS GRANT, *Instructor in Mathematics.*
B.S., Clemson Agricultural College, 1937; Graduate Work, University of North Carolina, Summers 1938, 1939, 1940, 1941.

KINARD, FRANCIS MARION, *Dean, School of General Science; Professor of English.*
A.B., Wofford College, 1923; A.M., University of North Carolina, 1929; Graduate Work, University of North Carolina, Summer 1930; Litt.D., Wofford College, 1941.

*KIRCHNER, GEORGE FREDERICK, *Instructor in Intramural Sports.*
B.S., Clemson Agricultural College, 1933; M.S., Louisiana State University, 1938.

KIRKLEY, FRANCIS EDWARD, *Acting Assistant Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1929; Graduate Work, Clemson Agricultural College, Summers 1938, 1939, 1940, University of Kentucky, Summers 1942 and 1943.

*KIRKWOOD, CHARLES EDWARD, JR., *Instructor in Mathematics.*
A.B., Lynchburg College, 1935; M.S., University of Georgia, 1937; Graduate Work, University of North Carolina, Summer 1939; Duke University, Summer 1940.

KLUGH, WILLISTON WIGHTMAN, *Head of Drawing and Designing Department; Professor of Drawing and Designing.*
B.S., Clemson Agricultural College, 1896; Graduate Work, Vanderbilt University, 1898; Cornell University, 1900.

*KROULIK, JOHN THEODORE, *Instructor in Bacteriology.*
A.B., 1934, A.M., 1935, University of Texas; Ph.D., 1939, Kansas State College.

LAGRONE, JOHN WALLACE, *Associate Professor of Mathematics.*
B.S., Clemson Agricultural College, 1932; M.A., Vanderbilt University, 1934; Graduate Work, University of Kentucky, 1939.

LAMASTER, JOSEPH PAUL, *Head of Dairy Department, Professor of Dairying.*
B.S., 1913, M.S., 1928, University of Kentucky.

LANE, JOHN DEWEY, *Professor of English.*
A.B., Newberry College, 1920; M.A., University of Virginia, 1924; Graduate Work, Columbia University, 1928-1929, Summer 1923; George Peabody College, Summer 1935.

*On military leave.

LEASE, ELMER JOHN, *Professor of Nutrition.*
B.S., 1931, M.S., 1933, Ph.D., 1935, University of Wisconsin.

LEE, RUDOLPH EDWARD, *Head of Architecture Department, Professor of Architecture.*
B.S., 1896, M.Arch., 1928, Clemson Agricultural College; Graduate Work, Zanerian Art School, Summer 1899; Cornell University, Summer 1900; University of Pennsylvania, 1901.

LINDSAY, JOSEPH, JR., *Head of Textile Chemistry and Dyeing Department, Professor of Textile Chemistry and Dyeing.*
A.B., Erskine College, 1919; Graduate Work, University of North Carolina, 1923-1924; Massachusetts Institute of Technology, 1924; University of Chicago, 1925; Philadelphia Textile School 1925-1926; University of Tennessee, Summers 1940, 1941.

LONG, JIM THOMAS, *Instructor in Electrical Engineering.*
B.S., Clemson Agricultural College, 1943.

*MCADAMS, WILLIAM NEWTON, *Assistant Professor of Agricultural Engineering and Assistant Agricultural Engineer.*
B.S., Clemson Agricultural College, 1938; M.S., University of Georgia, 1939.

*MCDOWELL, DAVID ARCHIBALD, *Assistant Professor of English.*
A.B., Furman University, 1938; M.A., University of North Carolina, 1939.

*MCFADDEN, JAMES BANKS, *Assistant Coach.*
B.S., Clemson Agricultural College, 1940.

MCGINTY, RUPERT ALONZO, *Vice-Director of Agricultural Experiment Station.*
B.S., Alabama Polytechnic Institute, 1913; A.M., Washington University, 1919; Graduate Work, Cornell University, 1926-1927.

MCKENNA, ARTHUR ERNEST, *Head of Weaving and Designing Department; Professor of Weaving and Designing.*
Graduate Rhode Island School of Design, 1922; Bradford-Durfee Textile School, 1925; B.S., Clemson Agricultural College, 1930; M.S., University of Tennessee, 1933.

*MCMAKIN, GARVIN CARR, *Assistant in Wood Shop.*
B.S., Clemson Agricultural College, 1940.

*MCMILLAN, COVINGTON, *Assistant Coach.*
B.S., Clemson Agricultural College, 1930; M.A., George Peabody College, 1935.

MACINTOSH, FRED HENRY, *Instructor in English.*
A.B., University of South Carolina, 1936; M.A., Duke University, 1942.

MARSHALL, JOHN LOGAN, *Head of Wood Shop Department, Associate Professor of Wood Work.*
Georgia School of Technology, 1905-1906, 1906-1907; B.S., Clemson Agricultural College, 1909; Graduate Work, Bradley Polytechnic Institute, 1919.

*MARTIN, HAROLD ROY, *Assistant Professor of Mechanical Engineering.*
B.S. in M.E., Kansas State College, 1938; M.S. in M.E., Iowa State College, 1940.

MARTIN, SAMUEL MANER, *Head of Mathematics Department; Professor of Mathematics.*
B.S., The Citadel, 1896; Graduate Work, Cornell University, Summer 1900; Harvard University, Summer 1904; University of Chicago, Summer 1908.

*On military leave.

MAULDIN, WILLIAM LAWRENCE, *Instructor in Chemistry.*
B.S., Furman University, 1936; M.A., University of North Carolina, 1939; Graduate Work, University of North Carolina, 1939-1940.

*MENIUS, ARTHUR CLAYTON, JR., *Assistant Professor of Physics.*
A.B., Catawba College, 1937; Ph.D., University of North Carolina, 1942.

METZ, GUSTAVE ERNEST, *Registrar.*
B.S., Clemson Agricultural College, 1927; M.A., University of North Carolina, 1928; Graduate Work, University of North Carolina, 1928-1929; Ohio State University, Summer 1930; Teachers College, Columbia University, 1931-1932; University of Chicago, Summer 1939.

**MILLER, WILLIAM GILBERT, *Assistant Professor of Mathematics.*
A.B., Birmingham Southern College, 1931; M.A., University of Florida, 1933; Graduate Work, University of Florida, Summer 1933.

MILNER, WILLIAM HENRY, *Assistant Professor of Mathematics.*
A.B., University of Alabama, 1916; A.M., Peabody College, 1922; Peabody College, Summers 1922, 1923, 1927, 1930, Spring 1931, Winter 1942.

MITCHELL, JACK HARRIS, *Professor of Chemistry.*
B.S., 1903, M.S., 1904, Alabama Polytechnic Institute; M.S., University of Illinois, 1911.

MITCHELL, JAMES HARVEY, *Instructor in Physics.*
B.S., Furman University, 1926; M.Ed., Duke University, 1936; Graduate Work, University of Virginia, Summer 1927.

MONROE, JAMES BEASLEY, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1915; M.S., Texas A. & M. College, 1935; Graduate Work, Cornell University, Summer 1938.

MORGAN, CHARLES LEE, *Head of Poultry Husbandry Department, Professor of Poultry Husbandry.*
B.S., 1918, M.S., 1927, University of Kentucky; Graduate Work, University of Wisconsin, 1931-1932.

MOSELEY, MILLARD CRAWFORD, *Instructor in Electrical Engineering.*
B.S., 1930, M.A., 1938, Emory University; LL.B., Atlanta Law School, 1941.

MUSSER, ALBERT MYERS, *Head of Horticulture Department, Professor of Horticulture.*
B.S., University of Florida, 1918; Graduate Work, Michigan State College, 1930, 1933.

NEWMAN, CHARLES CARTER, *Professor of Horticulture.*
Alabama Polytechnic Institute; B.S., Clemson Agricultural College, 1895.

NORMAN, ABSALOM WILLIS, *Assistant Coach.*
A.B., Roanoke College, 1913.

NORMAN, CLARENCE C., *Assistant Professor of Civil Engineering.*
B.S. in C.E., Iowa State College, 1929.

NUTT, GEORGE B., *Head of Agricultural Engineering Department, Professor of Agricultural Engineering.*
B.S., Mississippi State College, 1930; M.S., Iowa State College, 1940.

PATRICK, CHARNER SCAIFE, *Head Farms Department.*
B.S., Clemson Agricultural College, 1913; Graduate Work, Iowa State College, 1930, Summer 1931.

PETERSON, VERD, *Consulting Professor of Agricultural Education, State Supervisor of Agricultural Education, Columbia, S. C.*

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*On leave.

**On military leave.

POLK, HENRY T., *Instructor in Agronomy.*
B.S., 1931, M.S., 1933, University of Kentucky; Ph.D., Cornell University, 1938.

POLLARD, FRANK H., *Professor of Chemistry.*
B. of Chem., 1916, Ph.D., 1922, Cornell University.

*PRINCE, ALTON ERNEST, *Assistant Professor of Botany.*
B.S., University of Maine, 1936; M.S., University of Maine, 1938; M.A., Harvard University, 1940.

**QUATTLEBAUM, ALEXANDER MCQUEEN, *Assistant Professor of Civil Engineering.*
B.S., Clemson Agricultural College, 1934; M.S., Cornell University, 1935; Graduate Work, University of Iowa, 1939-1940.

REED, ALBERT RAYMOND, *Associate Professor of Physics.*
A.B., Wofford College, 1925; M.S., University of South Carolina, 1931; Graduate Work, University of North Carolina, Summers 1931, 1933.

RHODES, SAM ROSEBOROUGH, *Head of Electrical Engineering Department, Professor of Electrical Engineering.*
B.L., 1900, M.S., 1901, Furman University; B.S., 1907, E.E., 1928, Clemson Agricultural College; General Electric Company; Westinghouse Electric and Manufacturing Company.

RHYNE, ORESTES PEARL, *Head of Modern Language Department, Professor of Modern Languages.*
A.B., Lenoir-Rhyne College, 1907; A.B., 1908, A.M., 1909, University of North Carolina; Ph.D., Johns Hopkins University, 1913; University of Heidelberg, Summer 1914; Resident in Leipzig, Summer 1922.

RITCHIE, ROBERT RUSSELL, *Associate Professor of Animal Husbandry.*
B.S., 1926, M.S., 1938, Iowa State College.

**ROGERS, THOMAS TINSLEY, *Assistant Coach.*
B.A., Duke University, 1934.

ROSENKRANS, DUANE B., *Professor of Botany.*
A.B., Upper Iowa University, 1911; M.A., University of Wisconsin, 1917.

**ROSS, EUGENE GARLAND, JR., *Instructor in English.*
A.B., 1936, M.A., 1939, University of Virginia; Graduate Work, University of Virginia, 1939-1940, 1940-1941.

**SAMS, JAMES HAGOOD, JR., *Associate Professor of Mechanical Engineering.*
B.S., Clemson Agricultural College, 1924; E.E., Cornell University, 1926; M.S., 1931, Ph.D., 1937, University of Michigan.

SHACKELFORD, MACFARLAND, *Instructor in Physics.*
B.S., Virginia Polytechnic Institute, 1920.

SHELDON, DAWSON C., *Professor of Mathematics.*
B.S., State College of Washington, 1925; M.A., 1927, Ph.D., 1929, University of California.

SHERMAN, FRANKLIN, *Head of Entomology and Zoology Department, Professor of Entomology and Zoology.*
B.S., Agriculture, Cornell University, 1900; M.S., University of Maryland, 1912.

SHIGLEY, JOSEPH EDWARD, *Assistant Professor of Drawing and Designing.*
B.S. in E.E., 1931, B.S. in M.E., 1932, Purdue University.

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*On leave.

**On military leave.

SPAULDING, IRVING ANDRUSS, *Associate Professor of Rural Sociology.*
B.S., Iowa State College, 1941; M.S., University of Kentucky, 1942; Ph.D., Cornell University, 1944.

STANLEY, EDWARD L., *Instructor in Mathematics.*
B.S., East Tennessee State Teachers College, 1930; M.S., University of Tennessee, 1935; Graduate Work, Peabody College, Summer 1938; University of Missouri, Summers 1940, 1941, Spring 1941.

STAPP, MERRILL COLBY, *Assistant Professor of Mathematics.*
B.S., Millsaps College, 1927; M.A., George Peabody College, 1933; Graduate Work, The University of Texas, 1939-1940.

STARKEY, LAWRENCE VINCENT, *Head of Animal Husbandry Department, Professor of Animal Husbandry.*
B.S., University of Illinois, 1914; M.S., University of Wisconsin, 1917; Graduate Work, University of Wisconsin, 1930.

*STEPHENS, JOHN CALHOUN, JR., *Instructor in English.*
A.B., 1937, M.A., 1938, Emory University; Graduate Work, Emory University, Summer 1939.

**STEPP, JAMES MARVIN, *Associate Professor of Agricultural Economics.*
A.B., Berea College, 1937; M.A., 1938, Ph.D., 1940, University of Virginia.

STRIBLING, BRUCE HODGSON, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1918; Graduate Work, George Peabody College, Summers 1927, 1929; Ohio State University, Summers 1939, 1940, 1941.

SWEENEY, FRANCIS RAYMOND, *Assistant Professor of Mechanics and Hydraulics.*
B.S. in C.E., Clemson Agricultural College, 1906; C.E., Rensselaer Polytechnic Institute, 1915; C.E., Clemson Agricultural College, 1928.

*TARRANT, WILLIAM EDWARD, *Assistant Professor of Weaving.*
B.S., Clemson Agricultural College, 1927; Graduate Work, Alabama Polytechnic Institute, Summer 1932; Clemson Agricultural College, Summers 1937, 1938; Pennsylvania State College, Summers 1939, 1940, 1941.

*TATE, HAROLD SIMMONS, *Head of Industrial Education Department, Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1925; M.A., Columbia University, 1929; Graduate Work, George Peabody College, Summers 1927, 1931, 1932; Pennsylvania State College, Summers 1936, 1937, 1938, 1939, 1940.

TAYLOR, RUPERT, *Professor of English.*
A.B., 1903, A.M., 1906, University of Arkansas; Ph.D., Columbia University, 1911.

TERWILLIGER, F. WELLS, *Unit Officer Non-Tactical, Instructor in Military Science.*
Captain Coast Artillery Corps, Reserve, U. S. Army; B.S., Michigan State College, 1938.

*THERKELSEN, ERNEST BRIGHAM, *Instructor in Electrical Engineering.*
B.S., Montana State College, 1936; Graduate Work, Massachusetts Institute of Technology, Summer 1939.

THOMSON, DANIEL PARK, JR., *Acting Assistant Professor of Carding and Spinning.*
B.S., Clemson Agricultural College, 1927; Graduate Work, Clemson Agricultural College, Summers 1930, 1938; Furman University, Summer 1936; George Peabody College, Summer 1938.

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*On military leave.

**On leave.

TINGLEY, FREEMAN THAYER, *Professor of Electrical Engineering.*
B.S., 1922, E.E., 1935, Bucknell University; M.S., University of Illinois, 1929; Course, Westinghouse Company.

TRIVELY, ILO ALLELY, *Assistant Professor of Civil Engineering.*
B.S., 1928, M.S., 1941, University of Nebraska.

TURNER, BENJAMIN RYAN, *Consulting Professor of Industrial Education.*
A.B., 1926, M.A., 1931, Wofford College; Summer Work, Clemson Agricultural College, 1927; Graduate Work, University of Cincinnati, 1934-1935, Summer 1936.

TURNER, NATHAN LOUGHBOROUGH, JR., *Instructor in Botany and Bacteriology.*
B.S., Clemson Agricultural College, 1940.

VAN BLARICOM, LESTER OSCAR, *Associate Professor in Horticultural Manufactures.*
B.S., 1938, M.S., 1940, Oregon State College.

*WACHTER, WILLIAM MAHLER, *Instructor in Mechanics and Hydraulics.*
B.S. in C.E., Oregon State College, 1939; M.S., University of Iowa, 1941.

WAITE, E. EMERSON, JR., *Associate Professor of Sociology and Psychology.*
B.S., Middlebury College, 1929; M.A., Duke University, 1940; Graduate Work, Harvard University, 1932.

*WALKER, R. CASPER, *Instructor in History and Government.*
A.B., 1935, M.A., 1937, Emory University; Graduate Work, Louisiana State University, 1939-1940.

*WALTERS, JOHN VERNON, *Instructor in Textiles.*
B.S., Clemson Agricultural College, 1933, Summer, 1938; Graduate Work, Pennsylvania State College, Summers 1940, 1941.

WARD, JAMES EDWARD, JR., *Head of Social Science Department, Professor of Economics and Government.*
B.S., 1929, M.S., 1931, University of Virginia; Ph.D., University of Virginia, 1935.

WARE, ROBERT EDWARD, *Assistant Professor of Zoology and Entomology.*
B.S., Iowa Wesleyan College, 1929; Graduate Work, Iowa State College, Summers, 1931, 1932, 1938, 1940.

*WASHINGTON, WILLIAM HAROLD, *Dean, School of Vocational Education; Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1920; M.S., Iowa State College, 1922; Graduate Work, Georgia School of Technology, Summer 1925; George Peabody College, Summers 1928, 1929; 1932-1933.

**WATSON, SAMUEL MCIVER, JR., *Assistant Professor of Mechanical Engineering.*
A.B., Elon College, 1936; B.S., 1937, M.S., 1942, North Carolina State College.

*WHITE, THOMAS ARLINGTON, *Professor of Vocational Education.*
B.S., 1924, M.S., 1929, North Carolina State College; Ph.D., Cornell University, 1933.

WILLIAMS, WILLIAM BRATTON, *Assistant Professor of Weaving and Designing.*
B.S., Clemson Agricultural College, 1925; Graduate Work, Pennsylvania State College, Summers 1939, 1940.

*WISS, HENRY HAROLD, *Instructor in Architecture.*
A.B., 1935, M.A., 1937, Rensselaer Polytechnic Institute.

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*On military leave.
**On leave.

STANDING COMMITTEES OF THE FACULTY
1944-1945

ATHLETICS:

Milford, *Chairman;* Gage, Mitchell, Rhodes, Watkins; Frank Howard, Coach, *ex officio;* G. E. Metz, Registrar, *ex officio;* J. C. Littlejohn, Business Manager, *ex officio.*

BUILDINGS AND GROUNDS:

Watson, *Chairman;* Glenn, Holmes, Hunter, J. E., Lee, McGinty, Musser, Newman, Rhodes.

CATALOG:

Metz, *Chairman;* Epting, Glenn, Kinard.

CURRICULA, COURSES, AND ENTRANCE REQUIREMENTS:

Calhoun, *Chairman;* Aull, W. B., Bradley, Brown, Earle, Sheldon.

DEFICIENT STUDENTS:

Kinard, *Chairman;* Epting. Green, J. C., Hunter, J. E., LaGrone, Starkey, Quattlebaum, Tingley.

FOOD PRODUCTION:

LaMaster, *Chairman;* Harcombe, Littlejohn, Morgan, Musser, Patrick, Starkey, Van Blaricom.

GRADUATE WORK:

Calhoun, *Chairman;* Arndt, Aull, G. H. Carodemos, Collings, Cook, J. M., Freeman, Glenn, Green, J. C., Hendricks, Taylor, Ward.

KRESS FUND:

McGinty, *Chairman;* Carodemos, Lease, Lindsay, Sheldon, Stepp, Tingley; C. Graham, Librarian, *ex officio;* J. C. Littlejohn, Business Manager, *ex officio.*

LIBRARY:

Bradley, *Chairman;* Anderson, Aull, G. H., Bryan, Carodemos, Collings, Earle, Gage, Green, C. B., Hendricks, Holmes, Lee, Lindsay, Rosenkrans, Taylor, Ward, Watkins, The Librarian.

LOANS:

Littlejohn, *Chairman;* Brown, A. J., Burley, Evans, Hill, Howard, Woodward.

PUBLIC LECTURES:
Ward, *Chairman;* Bradley, Freeman, Green, J. C., Goodale.

PUBLIC OCCASIONS AND CELEBRATIONS:
Metz, *Chairman;* Anderson, R. L., Brock, Brown, Crouch, Fernow, Ferrier, Freeman, Goodale, Hill, Holtzendorff, Kinard, Lane, Littlejohn, Morgan, Cunningham, Sherman, J., Taylor, R., Waite, Ward, Watson, and Miss Shanklin.

PUBLICATIONS AND RADIO:
Bryan, *Chairman;* Lane, McGinty, Sherman, J., Miss Holden. (J. D. Lane, Faculty Adviser for Student Publications.)

RESEARCH PROJECTS:
McGinty, *Chairman;* Calhoun, Cook, J. M., Freeman, Hendricks, Lease, Marshall, Tingley, Watson, Wise.

SCHEDULE:
Aull, W. B., *Chairman;* Brock, Gage, Huff, Kinard, LaGrone, Metz, Pollard, Tingley.

SCHOLARSHIP AND HONORS:
Sheldon, *Chairman;* Carodemos, Cox, Curtis, Green, J. C., Lindsay, McGinty, McKenna, Monroe, Quattlebaum.

SHORT COURSES FOR RETURNING VETERANS:
Aull, W. B., *Chairman;* Kinard, Littlejohn, Metz.

SOCIAL FUNCTIONS:
Edwards, *Chairman;* Anderson, R. L., Cox, Curtis, Goodale, Hill, Holtzendorff, Huckabee, Paden, Ritchie, Tingley, The Commandant.

STUDENT GOVERNMENT:
Goodale, *Chairman;* Armstrong, Lane, Marshall, Metz, The Commandant.

STUDENT HONOR COUNCIL, ADVISORY:
Goodale, Lane, Lindsay, Pollard, Rhodes, Stribling.

STUDENT ORGANIZATIONS (Including Honor Societies):
Eaton, *Chairman;* Brock, Collings, Freeman, Marshall, Sheldon, Taylor, R.

STUDENT WELFARE:
Lane, J. D., *Chairman;* Aull, G. H., Bell, Blair, Coker, Hill, Hunter, J. E., LaMaster, Metz, Washington.

UNIFORM:
Littlejohn, *Chairman;* Eaton, Evans, Holtzendorff, The Commandant, Douthit (Trustee-Member).

VISITORS:
Woodward, *Chairman;* Goodale, Hill, Holtzendorff, Watson, The Commandant.

ETHICS AND RELIGION:
Crouch, *Chairman;* Hardin, Holtzendorff, Llufrio, Pinckney.

†OTHER OFFICERS AND ASSISTANTS

JACOB HENRY WOODWARD ---------- *Assistant to the President*
VIRGINIA EARLE SHANKLIN, A.B. ---------- *Secretary to the President*
*KENNETH NOTLEY VICKERY, B.S. ---------- *Assistant to the Registrar*
HELEN COKER, A.B. ---------- *Assistant to the Registrar*
JEAN BEVERLY SLOAN ---------- *Assistant to the Registrar*
REMER TOWNSEND LINLEY, B.S. ---------- *Stenographer, Registrar's Office*
FRANCES CARWILE, B.S. ---------- *Stenographer, Registrar's Office*
NETTIE COX WOODLE ---------- *Stenographer, Registrar's Office*
*MARY KATHERINE LITTLEJOHN, B.S. ---------- *Stenographer, Registrar's Office*
*MYRA A. BARRON, A.B. ---------- *Stenographer, Registrar's Office*
FRANCES BIGBY ---------- *Stenographer, Registrar's Office*
JOHN GOODMAN, B.S., A.B. in L.S. ---------- *Assistant Librarian*
MARY CONRAD STEVENSON, A.B. ---------- *Cataloger, Library*
ISABEL PITTS ---------- *Stenographer, Library*
JOSEPH EDGAR SHERMAN, B.S. ---------- *Athletic Publicity Director*
GRAHAM HAMILTON HILL ---------- *Assistant Business Manager*
VIRGINIA POOLE ---------- *Assistant to the Business Manager*
MARTHA ALICE GOODMAN ---------- *Stenographer, Business Manager's Office*
BOYCE B. BURLEY ---------- *Bookkeeper*
ANDREW JOSEPH BROWN, B.S. ---------- *Bookkeeper*
HAROLD D. COCHRAN ---------- *Assistant Bookkeeper*
HELEN MORRISON ---------- *Assistant to the Treasurer*
MARTHA BOYCE, B.S. ---------- *Clerk, Treasurer's Office*
EDNA LAWRENCE ---------- *Clerk, Treasurer's Office*
VIRGINIA PIKE MYERS ---------- *Clerk, Treasurer's Office*
GARVIN CANNON, Sergeant, U. S. Army ----------
Instructor of Military Science and Tactics, Assistant to the Commandant
JACK EPPLEY, Staff Sergeant, U. S. Army ----------
Instructor of Military Science and Tactics, Assistant to the Commandant
L. A. ETZBERGER, Corporal, U. S. Army ----------
Instructor of Military Science and Tactics, Assistant to the Commandant
KENNEY R. HELTON, Sergeant, U. S. Army ----------
Instructor of Military Science and Tactics, Assistant to the Commandant
T. H. PASCHALL, Sergeant, U. S. Army ----------
Instructor of Military Science and Tactics, Assistant to the Commandant
IRENE JULIAN, R.N. ---------- *Drug Nurse, Clinical Supervisor*
MYRTLE DEAN ---------- *X-Ray and Laboratory Technician*
GLADYS MITCHELL, R.N. ---------- *Dietician, Bedside Nursing*
VIRGINIA BERNDT, R.N. ---------- *Supervisor, Bedside Nursing*
LOIS WRIGHT, R.N. ---------- *General Nursing*
JUDY JULIAN WRIGHT ---------- *Secretary to College Surgeon*
DAVID J. WATSON, B.S. ---------- *Supt. of Campus, Roads and Buildings*
JAMES DOUGLAS HARCOMBE ---------- *Mess Officer*
PRESTON BROOKS HOLTZENDORFF, JR., LL.B. *General Secretary, Y. M. C. A.*
**JOHN ROY COOPER, B.S., M.A. ---------- *Associate Secretary, Y. M. C. A.*
HAROLD COLE, A.B., B.D. ---------- *Student Secretary, Baptist Church*
JOHN ADAMS PINCKNEY, B.D. ---------- *Rector, Episcopal Church*
SYDNEY J. L. CROUCH, B.D., TH.D. ---------- *Pastor, Presbyterian Church*
ELLIOTT WANNAMAKER HARDIN, A.B., B.D. ---------- *Pastor, Methodist Church*
J. BASIL DOYLE, C.S.P. ---------- *Pastor, St. Andrews Catholic Church*

†List of other officers and assistants compiled November 1, 1944.
*On military leave.
**On leave.

†AGRICULTURAL EXPERIMENT STATION STAFF

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HONORABLE F. E. COPE ..... Cope
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G. H. Aull, Ph.D. ..... Agricultural Economist
*M. J. Peterson, Ph.D. ..... Agricultural Economist
W. T. Ferrier, Ph.D. ..... Associate Agricultural Economist
J. M. Stepp, Ph.D. ..... Associate Agricultural Economist
A. D. Edwards, Ph.D. ..... Associate Rural Sociologist
**J. D. Kinard, B.S. ..... Assistant Agricultural Economist
**Ernest Riley, B.S. ..... Assistant Agricultural Economist
Dennis Crawford, B.S. ..... Assistant Agricultural Economist
*C. W. Pitchford ..... Technical Assistant

Agricultural Engineering

G. B. Nutt, M.S. ..... Agricultural Engineer
**G. H. Dunkelberg, M.S. ..... Associate Agricultural Engineer
**W. N. McAdams, M.S. ..... Assistant Agricultural Engineer

Agronomy

H. P. Cooper, Ph.D. ..... Agronomist
W. R. Paden, Ph.D. ..... Agronomist
H. T. Polk, Ph.D. ..... Associate Agronomist
**J. W. Jones, M.S. ..... Assistant Agronomist
**W. H. Garman, Ph.D. ..... Associate Soil Scientist
*T. C. Peele, Ph.D. ..... Soil Scientist

Animal Husbandry

L. V. Starkey, M.S. ..... Animal Husbandman
E. G. Godbey, B.S. ..... Associate Animal Husbandman
G. W. Anderson, D.V.M., M.S. ..... Associate Animal Pathologist

*In cooperation with the United States Department of Agriculture.
**On military leave.
†List of staff members compiled July 1, 1944.

Botany and Bacteriology

G. M. Armstrong, Ph.D.---Botanist and Plant Pathologist
W. B. Aull, B.S.---Bacteriologist
C. H. Arndt, Ph.D.---Associate Botanist and Plant Pathologist
W. B. Albert, Ph.D.---Associate Plant Physiologist
C. C. Bennett, B.S.---Assistant in Botany
*Richard Weindling, Ph.D.---Agent

Chemistry

J. H. Mitchell, M.S.---Chemist
E. J. Lease, Ph.D.---Nutritionist
F. A. Kummerow, Ph.D.---Associate Nutritionist
D. B. Roderick, B.A.---Assistant Chemist

Dairy

J. P. LaMaster, M.S.---Dairyman
G. H. Wise, Ph.D.---Associate Dairyman
**H. A. Johnson, B.S.---Assistant in Dairying
Julia Dickerson---Assistant in Dairying

Entomology

Franklin Sherman, M.S.---Entomologist
O. L. Cartwright, M.S.---Associate Entomologist
David Dunavan, M.S.---Associate Entomologist

Home Economics

Ada M. Moser, M.S.---Home Economist in Charge
Mary E. Frayser, M.A.---Home Economist

Horticulture

A. M. Musser, B.S.---Horticulturist
*J. T. Bregger, M.S.---Horticulturist
W. T. Brightwell, M.S.---Assistant Horticulturist
L. O. Van Blaricom, M.S.---Assistant in Horticultural Manufactures
J. A. Martin, B.S.---Assistant in Horticulture

Farms

C. S. Patrick, B.S.---Head Farms Department

Poultry

C. L. Morgan, M.S.---Poultryman
**M. I. Darrow, M.S.---Assistant Poultry Husbandman

Publications

A. B. Bryan, B.Litt.---Agricultural Editor
Ethel Elmore---Bulletin Clerk

Veterinary

R. O. Feeley, D.V.S.---Vetcrinarian

*In cooperation with the United States Department of Agriculture.
**On military leave.

Coast Station
Summerville, South Carolina

E. D. Kyzer, B.S.---Superintendent

Pee Dee Station
Florence, South Carolina

*E. E. Hall, M.S.---Superintendent
*W. H. Jenkins, B.S.---Associate Agronomist
*F. F. Bondy, B.S.---Assistant Entomologist
*C. F. Rainwater, B.S.---Assistant Entomologist
*Norman Allen, M.S.---Assistant Entomologist
*Frank Harrell---Research Assistant
*J. F. Bullock, M.S.---Assistant Agronomist
*W. H. Rumff, B.S.---Agent
*T. W. Graham, M.S.---Agent
*J. R. Mattison, B.S.---Agent

Sandhill Station
R. 5, Columbia, South Carolina

*J. A. Riley, M.S.---Superintendent
*S. L. Cathcart, B.S.---Agent
*E. M. Roller, Ph.D.---Assistant Chemist
*W. A. Carns---Agent

Truck Station
Post Office Box 337
Charleston, South Carolina

W. C. Barnes, Ph.D.---Superintendent
**J. M. Jenkins, Jr., M.S.---Associate Horticulturist
*W. J. Reid, Jr., B.S.---Assistant Entomologist
C. N. Clayton, Ph.D.---Associate Plant Pathologist

Edisto Station
Blackville, South Carolina

W. B. Rogers, B.S.---Superintendent
C. J. Nusbaum, Ph.D.---Associate Plant Pathologist
**J. G. Watts, M.S.---Assistant Entomologist
**O. B. Garrison, Ph.D.---Associate Horticulturist
*J. D. McCown---Agent

Crop Pest Commission

G. M. Armstrong, Ph.D.---State Pathologist
Franklin Sherman, M.S.---State Entomologist
J. A. Berly, B.S.---Associate State Entomologist
M. B. Stevenson, B.S.---Assistant State Pathologist
W. H. Purser, M.S.---Assistant Bee Specialist

Fertilizer Inspection and Analysis

**B. D. Cloaninger, B.S.---Head of Department
H. J. Webb, Ph.D.---Acting Head of Department
J. T. Foy, B.S.---Chemist
**E. E. Leslie, B.S.---Assistant Chemist
**C. H. Hollis, B.S.---Assistant Chemist
M. M. Phillippe, M.S.---Assistant Chemist
**N. R. Page, B.S.---Assistant Chemist

*In cooperation with the United States Department of Agriculture.
**On military leave.

†LIVESTOCK SANITARY WORK STAFF

COLUMBIA, SOUTH CAROLINA

W. K. Lewis, V.S., M.D.V.----------State Veterinarian and Director

I. R. Cooper, D.V.M.----------Assistant State Veterinarian
E. T. Fisher, D.V.M.----------Assistant State Veterinarian
H. B. Hood, V.M.D.----------Assistant State Veterinarian
R. A. Mays, B.Sc., D.V.M.----------Assistant State Veterinarian
J. G. McKee, D.V.M.----------Assistant State Veterinarian
F. K. Peterson, D.V.M.----------Assistant State Veterinarian
Jack Scott, D.V.M.----------Assistant State Veterinarian
S. M. Witherspoon, B.Sc., D.V.M.----------Assistant State Veterinarian

N. J. Ayers, D.V.M.----------Deputy State Veterinarian, Greer
O. E. Ballenger, D.V.M.----------Deputy State Veterinarian, Easley
W. A. Barnette, B.Sc., D.V.M.----Deputy State Veterinarian, Greenwood
W. R. Beasley, D.V.M.----------Deputy State Veterinarian, Batesburg
M. R. Blackstock, D.V.S.---------Deputy State Veterinarian, Spartanburg
T. L. Burriss, D.V.M.----------Deputy State Veterinarian, Anderson
F. P. Caughman, Sr., B.Sc., V.M.D.---Deputy State Veterinarian, Columbia
F. P. Caughman, Jr., D.V.M.---------Deputy State Veterinarian, Columbia
R. L. Dickinson, D.V.M.----------Deputy State Veterinarian, Bishopville
J. T. Dickson, D.V.M.----------Deputy State Veterinarian, Rock Hill
W. T. Dunn, D.V.M.----------Deputy State Veterinarian, Greenville
H. P. Dyches, D.V.M.----------Deputy State Veterinarian, Aiken
S. G. Forester, D.V.M.----------Deputy State Veterinarian, Manning
H. L. Frieze, D.V.M.----------Deputy State Veterinarian, Gaffney
C. C. Harmon, B.Sc., D.V.M.--------Deputy State Veterinarian, Columbia
Carlos Helms, D.V.M.----------Deputy State Veterinarian, Darlington
C. D. Hobart, D.V.M.----------Deputy State Veterinarian, Cheraw
L. J. Hogan, D.V.M.----------Deputy State Veterinarian, Charleston
O'Neal Jacobs, D.V.M.----------Deputy State Veterinarian, Laurens
T. B. Jacobs, D.V.M.----------Deputy State Veterinarian, Newberry
Don C. Kitchen, D.V.M.----------Deputy State Veterinarian, Greenville
F. E. Kitchen, D.V.M.----------Deputy State Veterinarian, Greenville
G. R. Kitchen, D.V.M.----------Deputy State Veterinarian, Sumter
W. R. Latta, D.V.M.----------Deputy State Veterinarian, Orangeburg
G. J. Lawhon, B.Sc., D.V.M.-------Deputy State Veterinarian, Hartsville
J. S. Lide, D.V.M.----------Deputy State Veterinarian, Newberry
W. D. McCormack, D.V.M.----------Deputy State Veterinarian, Conway
B. K. McInnes, M.D., V.M.D.------Deputy State Veterinarian, Charleston
B. C. McLean, V.M.D.----------Deputy State Veterinarian, Aiken
W. K. Magill, B.Sc., D.V.M.----------Deputy State Veterinarian, Chester
J. T. Mitchell, D.V.M.----------Deputy State Veterinarian, Bennettsville

A. S. Moore, D.V.M.----------Deputy State Veterinarian, Walterboro
G. E. H. Moore, D.V.M.----------Deputy State Veterinarian, Walterboro
J. H. Moore, D.V.M.----------Deputy State Veterinarian, Charleston
J. H. Morse, V.M.D.----------Deputy State Veterinarian, Sumter
M. J. Rattray, Jr., D.V.M.----------Deputy State Veterinarian, Anderson
R. R. Salley, D.V.M.----------Deputy State Veterinarian, Orangeburg
G. K. Smith, D.V.M.----------Deputy State Veterinarian, Orangeburg
Otto M. Strock, D.V.M.----------Deputy State Veterinarian, Orangeburg
R. O. Suddath, B.S.A., V.M.D.---------Deputy State Veterinarian, Seneca
H. L. Sutherland, D.V.M.----------Deputy State Veterinarian, Union
B. C. Talley, B.Sc., D.V.M.-------Deputy State Veterinarian, Bennettsville
E. R. VanDeGrift, Jr., D.V.M.-------Deputy State Veterinarian, Columbia
U. E. Whatley, D.V.M.----------Deputy State Veterinarian, Dillon

†List of staff members compiled July 1, 1944.

†AGRICULTURAL EXTENSION STAFF

R. F. Poole, Ph.D., D.Sc.---*President*
D. W. Watkins, B.S., M.A.---*Director*
T. W. Morgan, B.S., M.S.---*Assistant Director*
*G. C. Meares, B.S.---*Assistant to the Director*
C. M. Hall---*Chief Clerk and Accountant*

Agricultural Economics

O. M. Clark, B.S., M.S.
Extension Economist and Farm Management Specialist, Clemson
M. C. Rochester, B.S., M.S.---Farm Management Specialist, Clemson
P. S. Williamon, B.S.---Supervisor Test-Demonstration Farms, Clemson
*D. C. Sturgis, B.S., M.S.---Assistant Extension Economist, Clemson
*M.H. Sutherland, B.S.---Assistant Extension Economist, Clemson
*W. L. Abernathy, B.S.-Supervisor Test-Demonstration Farms, Clemson

Agricultural Engineering

C. V. Phagan, B.S.---Agricultural Engineer, Clemson
S. A. Williams, B.S.---Cotton Ginning Specialist, Clemson
K. R. Ray---Assistant Agricultural Engineer, Clemson
*G. H. Stewart, B.S., M.S.---Rural Electrification Specialist, Clemson
*E. C. Turner, B.S.---Extension Soil Conservationist, Clemson
*M. C. McKenzie, B.S.---Assistant Agricultural Engineer, Clemson
C. F. Masters---Extension Shop Foreman, Clemson

Agronomy

W. H. Craven, B.S.---Extension Agronomist, Clemson
*H. A. Woodle, B.S.---Extension Agronomist, Clemson
*B. E. G. Prichard, B.S.---Assistant Extension Agronomist, Clemson
H. G. Boylston, B.S.---Cotton Improvement Specialist, Clemson
H. A. McGee, A.B.---Tobacco Specialist, Florence
C. G. Peebles, B.S.---Soils Specialist, Clemson

Animal Husbandry

J. R. Hawkins, B.S., M.S.---In Charge Livestock Extension, Columbia
A. L. DuRant, B.S., M.S.---Livestock Specialist, Florence

Boys' 4-H Club Work

I. D. Lewis, B.S., M.S.---State Boys' Club Agent, Clemson
*L. O. Clayton, B.S., M.A.---Assistant State Boys' Club Agent, Clemson
O. R. Smith, B.S.---Assistant State Boys' Club Agent, Aiken

Dairying

C. G. Cushman, B.S.---Dairy Specialist in Charge, Clemson

Entomology and Plant Pathology

W. C. Nettles, B.S., M.S.
Extension Entomologist and Plant Pathologist, Clemson
E. S. Prevost---Specialist in Beekeeping, Clemson

Forestry

W. J. Barker, B.S.---Extension Forester, Clemson
C. W. Hall, B.S.---Assistant Extension Forester, Columbia

*On military leave.
†List of staff members in Agricultural Extension Service compiled July 1, 1944.

Horticulture

A. E. Schilletter, B.S.----------Extension Horticulturist, Clemson
H. A. Bowers, B.S.----------Assistant Extension Horticulturist, Barnwell

Marketing

T. A. Cole, B.S.----------Chief, Marketing Division, Columbia
*L. M. Asbill----------Assistant Marketing Specialist, Columbia
W. A. Tuten----------Assistant Marketing Specialist, Columbia
J. E. Youngblood, B.S.----------Assistant Marketing Specialist, Columbia
C. H. Langford, B.S.----------Assistant Marketing Specialist, Columbia
R. D. Steer, B.S.----------Cooperative Marketing Specialist, Greenwood

Poultry

P. H. Gooding, B.S., M.S.----------Extension Poultryman, Clemson
*J. W. Matthews, B.S.----------Assistant Extension Poultryman, Clemson
E. A. Peterkin, B.S.----------Assistant Extension, Poultryman, Dillon

Printing and Distribution of Publications

A. B. Bryan, B.S., B.Litt.----------Agricultural Editor, Clemson
J. M. Eleazer, B.S.----------Information Specialist, Columbia
Winnie Belle Holden, B.A.----------Radio Specialist, Columbia

Visual Instruction

T. W. Morgan, B.S., M.S.----------In Charge of Division, Clemson
*L. W. Riley----------Assistant in Visual Instruction, Clemson
S. V. Lewis----------Assistant in Visual Instruction, Clemson
*F. K. Hinnant, B.S.----------Assistant in Visual Instruction, Clemson

*On military leave.

DISTRICT AGENTS

First District	L. B. Massey, B.S.	Box 266, Spartanburg
Second District	J. T. Lazar, B.S.	Florence
Third District	A. H. Ward, B.S., M.S.	Aiken

COUNTY AGRICULTURAL AGENTS

County	*Name*	*Post Office*
Abbeville	Z. D. Robertson, A.B.	Abbeville
Aiken	R. R. Mellette, B.S.	Aiken
Allendale	C. B. Searson, B.S.	Allendale
Anderson	E. P. Josey, B.S.	Anderson
Bamberg	R. C. Hubbard, B.S.	Bamberg
Barnwell	J. T. Graves, B.S., M.S.	Barnwell
Beaufort	R. H. Sams, B.S.	Beaufort
Berkeley	J. H. Harvey, B.S.	Moncks Corner
Berkeley	M. C. Mason, B.S. (Acting)	Moncks Corner
Calhoun	*E. B. Baskin, B.S.	St. Matthews
Charleston	C. W. Carraway, B.S.	Charleston
Cherokee	S. C. Stribling, B.S.	Gaffney
Chester	M. C. Crain, B.S.	Chester
Chesterfield	*J. C. Willis, B.S.	Chesterfield
Chesterfield	J. L. King, B.S.	Chesterfield
Clarendon	W. R. Wells, B.S.	Manning
Colleton	L. W. Alford, B.S.	Walterboro
Darlington	*J. W. Talbert, B.S. (Acting)	Darlington
Darlington	O. O. Dukes, B.S.	Darlington
Dillon	S. W. Epps, B.S.	Dillon
Dorchester	*J. C. King, B.S.	St. George
Dorchester	E. H. Jordan, B.S.	St. George
Edgefield	J. F. Jones, B.S.	Edgefield
Fairfield	R. H. Lemmon, B.S.	Winnsboro
Florence	J. W. McLendon, B.S.	Florence
Georgetown	M. M. McCord, B.S.	Georgetown
Greenville	W. R. Gray, B.S.	Greenville
Greenwood	P. M. Garvin, B.S.	Greenwood
Hampton	J. C. Anthony, B. S.	Hampton
Horry	V. M. Johnston, B.S.	Conway
Jasper	*E. C. Abrams, B.S.	Ridgeland
Jasper	N. R. Davis, Jr., B.S.	Ridgeland
Kershaw	W. C. McCarley, B.S.	Camden
Lancaster	*F. W. Cannon, B.S.	Lancaster
Lancaster	T. B. Lee, B.S.	Lancaster
Laurens	C. B. Cannon, B.S.	Laurens
Lee	*J. C. McComb, B.S.	Bishopville
Lee	J. M. Lewis, B.S.	Bishopville
Lexington	S. E. Evans, B.S.	Lexington
McCormick	*M. A. Bouknight, B.S.	McCormick
McCormick	G. W. Bonnette, B.S.	McCormick
Marion	J. M. Lewis, B.S.	Marion
Marlboro	Colin McLaurin, B.S.	Bennettsville
Newberry	P. B. Ezell, B.S.	Newberry
Oconee	G. H. Griffin, B.S.	Walhalla
Orangeburg	R. D. Suber, B.S.	Orangeburg
Pickens	T. A. Bowen, B.S.	Pickens
Richland	R. W. Bailey, B.S.	Columbia

*On military leave.

Saluda	F. M. Kearse, B.S.	Saluda
Spartanburg	W. H. Stallworth, B.S.	Spartanburg
Sumter	J. M. Eleazer, B.S.	Sumter
Union	*W. J. Martin, B.S.	Union
Union	J. E. Fagan, B.S.	Union
Williamsburg	R. A. Jackson, B.S.	Kingstree
York	L. W. Johnson, B.S.	Rock Hill
Extension—AAA Agent	J. M. Napier, B.S., M.S.	Darlington
Assistant to District Agent	*R. H. Crouch, B.S.	Spartanburg
Assistant to District Agent	Ruthel Ferguson	Spartanburg

ASSISTANT COUNTY AGRICULTURAL AGENTS

County	*Name*	*Post Office*
Aiken	C. W. Thompson, B.S.	Aiken
Anderson	*T. A. Stallworth, B.S.	Anderson
Anderson	J. H. Hopkins, B.S.	Anderson
Cherokee	Boyce Miller, Jr., B.S.	Gaffney
Chester	*D. H. Caughman, B.S.	Chester
Chester	W. E. Pugh, B.S.	Chester
Florence	O. W. Cain, B.S.	Florence
Greenville	*J. D. Miller, B.S.	Greenville
Greenville	G. R. Hamilton, B.S.	Greenville
Greenwood	*T. M. Clyburn, B.S., M.S.	Greenwood
Horry	*J. C. Shelley, B.S.	Conway
Newberry	W. A. Ridgeway, B.S.	Newberry
Oconee	*W. R. McKinney, B.S.	Walhalla
Orangeburg	*D. Richardson, B.S.	Orangeburg
Orangeburg	W. R. Crook, B.S.	Orangeburg
Pickens	*J. R. Wood, B.S.	Pickens
Pickens	H. D. Marett, B.S.	Pickens
Richland	*R. H. Lemmon, Jr., B.S.	Columbia
Richland	J. D. Watson, B.S.	Columbia
Spartanburg	*J. T. Rogers, B.S.	Spartanburg
Spartanburg	C. H. Lomas, B.S., M.S.	Spartanburg
Sumter	*T. O. Bowen, B.S.	Sumter
Sumter	R. P. Alston, B.S.	Sumter
Williamsburg	*D. K. Josey, B.S.	Kingstree
Williamsburg	A. D. Grainger, B.S.	Kingstree

*On military leave.

NEGRO AGRICULTURAL AGENTS

H. E. Daniels, District Agent, State College, Orangeburg, S. C.
W. Johnson, Assistant District Agent, State College, Orangeburg, S. C.

County	*Name*	*Post Office*
Aiken	T. A. Hammond	Aiken
Anderson	J. A. Gresham	Anderson
Beaufort	Benjamin Barnwell	Beaufort
Chester	M. M. Sitton	Chester
Clarendon	Wm. Thompson	Manning
Darlington	S. C. Disher	Darlington
Fairfield	D. G. Belton, Jr.	Winnsboro
Florence	H. S. Person	Florence
Greenville	Robt. W. Anderson	Greenville
Greenwood	L. V. Walker	Greenwood
Kershaw	J. D. Marshall	Camden
Marion	*R. C. Bacote	Marion
Marion	G. W. Dean	Marion
Orangeburg	G. W. Daniels	Orangeburg
Richland	J. E. Dickson	Columbia
Spartanburg	R. C. Smith	Spartanburg
Sumter	Arthur Sanders	Sumter
Union	E. N. Williams	Union
Williamsburg	Van Buren Thomas	Kingstree
York	Booker T. Miller	Rock Hill

Note: All negro agents have B.S. Degrees from State College at Orangeburg, or the equivalent from other institutions.

HOME DEMONSTRATION EXTENSION DEPARTMENT

The United States Department of Agriculture, Clemson College and Winthrop College, Working in Cooperation

LONNY I. LANDRUM, B.S.—State Home Demonstration Agent, Rock Hill
JUANITA NEELY, B.S., M.A.
Assistant Home Demonstration Agent, Rock Hill
BESSIE HARPER, B.A.—District Agent, Aiken
THEODOSIA DARGAN PLOWDEN—District Agent, Route 3, Sumter
ELIZABETH MONROE, B.S.—District Agent, Rock Hill
DORA DEE WALKER, B.A.—Production and Conservation Specialist, Appleton
HARRIET F. JOHNSON, B.A., B.S., M.A.—State Girl's Club Agent, Rock Hill
JANE KETCHEN, B.S.—Marketing Specialist, Rock Hill
PORTIA SEABROOK, B.S.—Clothing Specialist, Rock Hill
CARRIE CARSON, B.S.—Extension Nutritionist, Rock Hill
ELEANOR CARSON, B.A., M.S.—Poultry Specialist, Rock Hill
GERTRUDE LANHAM, B.S., M.S.—Home Management Specialist, Rock Hill
SALLIE PEARCE, B.S.—Emergency War Food Assistant Supervisor, Rock Hill

*On military leave.

COUNTY HOME DEMONSTRATION AGENTS

County	*Name*	*Post Office*
Abbeville	Doris Shuler, B.S.	Abbeville
Aiken	Susie Flowers, B.S.	Aiken
Allendale	Mamie Sue Hicks, B.S.	Allendale
Anderson	Ella Burton, B.S.	Anderson
Bamberg	Marie Lambert, B.S.	Bamberg
Barnwell	Elizabeth McNab, A.B.	Barnwell
Beaufort	Mary Ellen Eaves, A.B., B.S.	Beaufort
Berkeley	Elizabeth D. Boykin, A.B.	Moncks Corner
Calhoun	Lula Chriesman	St. Matthews
Charleston	Caroline S. Alston	Charleston
Cherokee	Virginia Mauldin, B.S.	Gaffney
Chester	Myrtle Nesbitt, B.S.	Chester
Chesterfield	Mary Frances White, B.S.	Chesterfield
Clarendon	Miriam Fridy, B.S.	Manning
Colleton	Caroline Woodruff, B.S.	Walterboro
Darlington	Emmie J. Evans	Darlington
Dillon	Etta Sue Sellers, B.A.	Dillon
Dorchester	Ophelia Barker, B.S.	St. George
Edgefield	Laura Mellette, B.S.	Edgefield
Fairfield	Marion Mabry, B.S.	Winnsboro
Florence	Amelia Muldrow, B.S.	Florence
Georgetown	Vela Smith, B.S.	Georgetown
Greenville	Julia W. Stebbins	Greenville
Greenwood	Elizabeth Herbert, A.B.	Greenwood
Hampton	Izora Miley	Hampton
Horry	Margaret Cloud	Conway
Jasper	Ann J. Burgess, B.S.	Ridgeland
Kershaw	Margaret Fewell, B.A.	Camden
Lancaster	Ruby Mae Craven, B.S.	Lancaster
Laurens	Louise Fleming, B.A.	Laurens
Lee	Mary Ida Warner, B.S.	Bishopville
Lexington	Elizabeth Leonard, B.S.	Lexington
McCormick	Matilda Bell, B.S.	McCormick
Marion	Sallie W. McKinnon, B.S.	Marion
Marlboro	Beatrice Mabry, B.S.	Bennettsville
Newberry	Ethel Counts, B.A.	Newberry
Oconee	Mary C. Haynie, B.A.	Walhalla
Orangeburg	Mattie Lee Cooley, B.S., A.B.	Orangeburg
Pickens	Sarah G. Cureton, B.S.	Pickens
Richland	Laura Connor, B.S.	Columbia
Saluda	Pearle Calvert	Saluda
Spartanburg	Kate M. Hooper	Spartanburg
Sumter	Elizabeth Trowell, B.S.	Sumter
Union	Mahala J. Smith	Union
Williamsburg	Dora Oosterbaan, B.S.	Kingstree
York	Ellen Atkinson, B.S.	Rock Hill

ASSISTANT HOME DEMONSTRATION AGENTS

County	*Name*	*Post Office*
Aiken	Louise Alsbrook, B.S.	Aiken
Anderson	Obera Byars, B.S.	Anderson
Florence	Inelle Broadway, B.S.	Florence
Greenville	Betty Lathem, B.S.	Greenville
Lancaster	Annie D. Mitchell, B.S.	Lancaster
Orangeburg	Anne Williamson, B.S.	Orangeburg
Spartanburg	Susan Hall, B.S.	Spartanburg
Sumter	Carolyn McCutcheon, B.S.	Sumter
York	*Ruby Pearson, B.S.	Rock Hill
York	Lenora Berry, B.S.	Rock Hill

NEGRO HOME DEMONSTRATION AGENTS

Marion B. Paul, State Supervisor Negro Home Demonstration Work, State College, Orangeburg, S. C.

County	*Name*	*Address*
Aiken	Mabel Lee Johnson	Aiken
Allendale	Annie Mae Butler	Allendale
Beaufort	Willie Mabel Price	Frogmore
Berkeley	Cecelia M. Young	Moncks Corner
Charleston	Albertha DeVeaux	Charleston
Florence	Lillian Brown	Florence
Georgetown	Rosa G. Gadsden	Georgetown
Greenville	Delphenia Wilkerson	Greenville
Kershaw	Susie B. Boykin	Camden
Marlboro	Minnie Gandy	Clio
Newberry	Laura M. Whitney	Newberry
Orangeburg	Rosa Reed Odom	Orangeburg
Richland	Frances Thomas	Columbia
Spartanburg	Marie D. Blakemon	Spartanburg
Sumter	Janie Rucker Howard	Sumter

Note: All negro Home Demonstration Agents have had college training in home economics.

*On military leave.

PART II—INFORMATION

REQUIREMENTS FOR ADMISSION

General. All applicants for admission to Clemson College must be at least sixteen years of age and at the time of entrance must be free from contagious or infectious disease. A certificate of good moral character and honorable discharge from the last school attended is required. A reservation deposit of $5.00 is required of both old and new students. This fee must accompany the "Matriculation Card" which is sent all students who have met the requirements for enrollment in the College. (This deposit will not be required for the 1945-1946 session.)

Application Blanks. Blanks to be used in applying for admission may be obtained from the Registrar, Clemson College, Clemson, South Carolina.

Admission by Certificate. Graduates from accredited high schools should submit for consideration a certificate of graduation and a transcript of all high school units completed as soon as possible after graduation from high school. A preliminary transcript is unnecessary and will not take the place of a complete transcript.

The requirements for admission by certificate include graduation from an accredited high school with at least sixteen units. Of the units presented for admission, at least three must be in English, one and one-half in algebra, one in plane geometry, and one in history.

Admission by Examination. Students who do not meet the requirements given above may be admitted to the college by passing the entrance examinations.

Admission by Certificate and Examination. Applicants who are not graduates of accredited high schools, but who can give acceptable documentary evidence of having completed the equivalent of a high-school course under formal instruction, will be required to pass examinations on English, mathematics, and history.

Placement Examinations. Since English and mathematics are required in all courses at Clemson, and since these subjects in the freshman year form a background for certain subjects later in the college course, the College is anxious to help entering students to secure a thorough knowledge in these important fields.

Shortly after the opening of the College in September, all freshmen will stand a placement examination in English. For those freshmen who fail the examination, the College is planning to provide five hours of instruction in English during the first semester instead of three in order that these students may have a greater opportunity to complete successfully the required work in English for the first semester and secure the necessary background for subsequent courses in this subject.

A placement examination in algebra will also be given all freshmen planning to major in Agricultural Engineering, or in any major course offered under the Schools of Chemistry, Engineering, General Science, and Textiles. Freshmen who fail this examination will take a five-credit course in algebra during the first semester and postpone the course in trigonometry until the second semester. If a student does not complete all of the required courses in freshman mathematics by the end of the freshman year, he is urged to make up this deficiency during the following summer.

Admission to Advanced Standing. Work that has been taken in other colleges will be credited for an equivalent amount of work so far as it applies to any course offered in the College. The applicant must present: (a) a letter of honorable dismissal from the institution last attended, and (b) an official transcript of his record, including entrance credits. College credits given by transfer are provisional and may be cancelled at any time if the student's work is unsatisfactory. A student coming from another institution must spend at least one regular session in the College before he is eligible to apply for a degree.

Matriculation. Students upon arrival at the College at the opening of the session must report at once to the Registrar's

Office. New students will be directed in the procedure necessary to complete their enrollment. A student's matriculation with the College is equivalent to his pledge to conform to the rules of the institution. Any admission gained or matriculation made irregularly is subject to cancellation.

EXPENSES

Settlement of College Fees. The Treasurer of the College is the financial officer and all transactions relating to payments must be conducted through him. The entrance payment includes the full cost of uniform plus fees and living expenses for the first quarter and must be made before a student can be assigned to a room in barracks or permitted to begin work. Other payments are due as indicated. Remittances should be made in cash, money order, cashier's check, or by local check *made payable to S. W. Evans, Treasurer. All remittances made by mail must be addressed to: The Treasurer, Clemson College, Clemson, S. C.* A personal check which is given in payment of dues and is returned by the bank unpaid automatically cancels a student's reservation and automatically drops from class rolls a student who is in school.

Expenses: Considering the standard of living and quality of instruction, Clemson is one of the most economical colleges in the country. Based on present conditions the cost to South Carolina students for board, laundry, room, hospital, other fees, and tuition (but not uniform) is $405.10 for the session. The legal residence of the parent, or guardian, determines the tuition status of the student. Students from other states pay $200.00 for non-resident tuition. This is $140.00 in addition to the $60.00 paid by South Carolina students. The Treasurer is required to collect in full the amounts due on dates specified. The expenses are due in four installments as indicated below.

On account of uncertain conditions, it may be necessary at any time to raise the cost of living expenses.

The payments at entrance to cover board, laundry, room, hospital, other fees, tuition, ***and uniform*** for first quarter of session 1945-1946 will be approximately as follows:

First Quarter

South Carolina Students $164.60
Non-Resident Students 199.60

Subsequent payments for students in all classes are to be paid according to the following schedule:

Payment	Date Due	South Carolina Students	Non-Resident Students
Second Quarter	November 26, 1945	$97.50	$132.50
Third Quarter	February 4, 1946	97.50	132.50
Fourth Quarter	April 1, 1946	97.50	132.50

Uniforms: All cadets will be required to wear army service uniform garments. Based on the present prices of army uniforms, all Clemson ROTC Cadets entering College for the regular session of 1945-1946 will be required to deposit with the College Treasurer the sum of $52.00 to cover the cost of clothing issued him. When a student for any reason withdraws from College, he will return to the Quartermaster all garments issued him and receive a refund of $32.00, provided the clothing is in good condition, wear and tear excepted.

Note: The expenses given above are for regular cadets who live in the dormitories. Under certain regulations, and with the approval of the President, a student may become a Day Cadet. A Day Cadet is a member of the corps who rooms and boards outside of barracks.

Refunds: Refunds will be made to students under the following rules:

1. If a student withdraws from College prior to the last fifteen days of a pay period, his payment to the Treasurer will be refunded on a pro rata basis except for the matriculation fee of $3.00 and for any used, tailored, or ordered uniform garments.

2. A credit will be allowed for board, laundry, barracks heat, light and water at the rates charged, for authorized con-

tinuous absence exceeding fifteen days, not including holiday periods.

3. A refund for a student will be made to his parents, or guardian, except that for uniform cancellation approved by the Commandant, which refund will be made direct to the student.

Lost or Damaged Articles:

1. The College will not be liable for articles lost or stolen in the barracks.

2. The College will not be liable for lost or damaged laundry unless reported within two days after the date upon which the laundry was due to be delivered, and then not more than the actual depreciated value of such articles as have been lost or damaged.

Student Banking Accounts. For the convenience of students the College operates a banking department in the Treasurer's office where money can be deposited and withdrawn as the occasion may demand. This service is purely local. Students are urged to deposit their money in the bank and not to keep it in their rooms.

Books and Supplies. The L. C. Martin Drug Co., Inc., conducts a store near the campus and maintains a book and supply store where students may purchase textbooks, drawing instruments and other supplies. A complete list of the textbooks used in each course, together with their prices will be furnished on application to the book store.

Each student will be required to own his textbooks and necessary equipment. All students shall submit their textbooks and other equipment for inspection at such times as are ordered.

Optional Expenses. It is not possible to give an estimate of a student's expenditures for such amusements as dancing, moving pictures, etc. This depends largely upon the disposition of the young man. The College endeavors to reduce to a mini-

mum the temptation to spend money needlessly, but the authorities cannot be responsible for a student's private expenditures. This must be a matter between him and his parents.

Transcripts. Official transcripts of scholastic records are not issued to students who have not been graduated. However, a transcript will be sent to any institution or other recognized rating agency upon request. One transcript is furnished free; additional copies are issued for one dollar each. Remittances for transcripts should be made payable to The Treasurer, Clemson College, but should accompany transcript requests and should be mailed to The Registrar.

Student Aids. A number of young men secure positions as waiters in the mess hall, for which service they are paid at the rate of about nine dollars a month. These positions are filled by the Mess Officer, to whom all correspondence should be addressed.

LOAN FUNDS

John Bryce Baskin Fund. Interest on $2,000 given by Cecil L. Reid, of the Class of 1902, as an appreciation of the aid given him by Mr. Baskin. This fund is "available to any resident of South Carolina but if all other things are equal, preference is to be given the boy or boys from York or Newberry Counties, South Carolina."

The William Wilson Finley Loan Fund. The sum of $1,000 has been deposited with the College to be used as a loan fund to students living in counties traversed by the Southern Railway or the Blue Ridge Railway.

The George Cherry Foundation. Mrs. Mary Cherry Doyle has donated $1,000 to aid worthy and needy students from Oconee County and that part of Anderson County including Pendleton. This fund is not available for first-year students.

The U. D. C. Loan Fund. The John C. Calhoun Chapter of the U. D. C. has created a fund of $500.00 to be loaned to lineal descendants of the Confederate veterans. This fund is limited

to juniors and seniors.

Clemson Student Loan Association Fund. A number of interested teachers, officers, alumni, and friends of Clemson College have contributed twelve hundred dollars to be loaned to worthy Clemson Students.

The College is in need of funds to lend worthy students. Donations for this or other purposes may be made to the Board of Trustees of Clemson College, or to the Trustees of the Clemson Alumni Foundation. The President of the College or the Secretary of the boards named above will be glad to communicate with any person who is interested in establishing such a fund.

ANDERSON FELLOWSHIP

The Alexander P. Anderson and the Lydia Anderson Fellowship. Mr. and Mrs. Anderson have given to the Clemson Agricultural College the sum of $10,000 for the purpose of establishing a fellowship fund. The income from this trust fund is to be used for the purpose of awarding a scholarship or fellowship to one or more Clemson graduates for advanced work in biological sciences including bacteriology and entomology. The scholarship is to be awarded annually by the faculty of the Clemson Agricultural College to an outstanding student. The name of the beneficiary is reported to the Board of Trustees, and an accounting of the funds by the Treasurer of the College is made annually.

SEARS ROEBUCK SCHOLARSHIPS

The Sears Roebuck Agricultural Foundation has made funds available for freshman agricultural scholarships at Clemson for the past several years. There were six one-hundred-fifty-dollar Sears Roebuck Scholarships available for 1944-1945 for freshmen who took the agricultural course. The scholarships are awarded on the basis of a competitive examination. Further information concerning these awards may be secured from Mr. W. B. Aull, Vice-Dean, School of Agriculture, Clemson College, Clemson, South Carolina.

BUILDINGS AND GROUNDS

Buildings. The Administration Building houses the offices of the President, the Registrar, the Commandant, the Treasurer, the Business Manager, the Professor of Military Science and Tactics, and the Dean of the School of General Science. This building also has over twenty classrooms. At the north end of the building is Memorial Hall, the College Auditorium, with a seating capacity of about eighteen hundred.

The Library Building houses the main library of the College and the Experiment Station Library. There are in the library 67,563 bound volumes. This includes 8,812 volumes of periodicals, 16,135 volumes of government, state and experiment station publications, and 42,618 books. There are also 6,353 unbound volumes of magazines, 740,820 unbound government and state publications, and 36,161 pamphlets and clippings in the Subject File.

In the basement of the Library Building there is a Browsing Room, which contains many popular and attractive books, current magazines, and daily newspapers from all parts of the United States. This room is comfortably furnished and has proved to be of great interest to students and trainees this past year.

Also in the basement of the Library Building is a Music Room. This room contains a Carnegie collection of some 900 records of classical and semi-classical music, books about music, and musical scores.

The instructional work of the institution is maintained largely in the departmental buildings. The Schools of Agriculture, Engineering, Textiles, Vocational Education, and Chemistry have individual buildings especially designed for their purposes. The School of General Science is located in the Administration Building. Certain laboratory work is conducted at the greenhouses, live stock barns, poultry plant, veterinary hospital, and other buildings on the college farm.

The cadet barracks consist of nine large brick buildings—five of which were constructed since 1935. All barracks are steam-heated, electrically-lighted, and supplied with hot and

cold water. The eight hundred and fourteen rooms in the barracks are furnished with single-width iron cots and other necessary equipment.

The Hospital, located about a quarter of a mile from the barracks, is a wooden building, especially designed for the purpose. The equipment includes a Victor X-ray machine, a new Burdick ultra-violet ray machine, and a sorensen machine of the latest design for ear, eye, nose, and throat treatments.

The Y. M. C. A. building is a four-story structure equipped with club rooms, lounge rooms, game rooms, and has in addition, thirty rooms available for permanent roomers, guests, and transients. Having an auditorium, gymnasium, and swimming pool, the Y. M. C. A. building is admirably fitted to serve as the center of social activities and voluntary religious work.

The Physical Education Building consists of a central office and dormitory section, a field house, and a gymnasium.

The Laundry, which is operated exclusively for the students, is a brick building, equipped with improved modern machinery.

The Clemson College Hotel, a frame building, is situated on a hill overlooking the campus. This building and numerous brick and frame residences furnish homes for a number of the college teachers and officers.

Fort Hill, the former home of John C. Calhoun, is located on the Clemson campus. In accordance with the provisions of Mr. Clemson's will, this residence has been made a shrine in honor of Mr. Calhoun. Several pieces of furniture and other interesting relics, formerly the property of Mr. Calhoun, are carefully preserved in this home, where they may be seen by visitors to the college.

Grounds. The college grounds comprise about 1,544 acres, including the campus, the farm, and the Experiment Station grounds. The two-hundred acre campus is laid out in walks, drives, and lawns, and is shaded by a beautiful grove of native forest trees.

LIVING CONDITIONS

At Clemson students live in barracks under military discipline. A student must at all times be present or accounted for. The barracks or dormitories are divided into "halls" for military purposes, a unit being assigned to a hall under the supervision of a cadet officer.

Cadet officers remain on duty both day and night at the guard room, in which is located a long-distance telephone with twenty-four hour service.

Each student room is equipped with necessary furniture. The beds are single width. Bed linen, bed covers, pillows, and towels must be furnished by the students.

All students are required to provide themselves with two clothes bags. These are regulation articles and can be secured only at the College. One set will likely serve for use during the four years.

The dining hall, or mess hall, is located in Barracks No. 1. It is well equipped and is under the supervision of the mess officer. The kitchen and cold storage plant are among the best in the South. All students living in the barracks eat in the dining hall.

RESERVE OFFICERS' TRAINING CORPS

All students of the college are required to take military training. Subject to the allotment of sufficient funds by the War Department and to the maintenance of good records by cadets, all physically qualified students of Clemson College are members of the Reserve Officers' Training Corps during the first two years of residence, unless they have completed the basic course in other senior units.

STUDENT HEALTH SERVICE

The Surgeon, who has complete charge of the hospital, is one of the regular officers of the College, and his special duty is to look after the health of the students.

At a specified time every day, students who desire may consult the Surgeon, and those who are admitted to the hospital are cared for by experienced nurses in the college hospital. In case of necessity students are allowed to consult the Surgeon at any time, or to send for him in an emergency.

The Surgeon cannot undertake to notify parents every time a student reports to the hospital for medicine, or for rest on account of some slight complaint. However, they may rest assured that they will be notified at once of sickness of any consequence.

The medical fee paid by each student is intended to cover all ordinary cases of sickness and their treatment. It is not intended to cover fees of doctors or specialists called into consultation, for performing operations, for special nurses, or for any medical or surgical attentions performed away from the College; and the College does not assume any responsibility for accidents that happen away from the College. Such expenses must be borne by the parents. The right of the College Surgeon, with the approval of the President of the College, to incur in behalf of any student under his care any of these extra services is hereby expressly reserved.

The college swimming pool at Clemson is located in the Y. M. C. A. Swimming class, life saving, and instructor's courses are given. Members of the freshman and varsity swimming teams train here and many company swimming meets are scheduled. The pool is heated throughout the winter months and it is filtered and chlorinated with electric equipment.

Intramural athletics are encouraged and sponsored by the Physical Education Department and the Y. M. C. A. All of the companies with military organization and athletic officers have teams in such sports as basketball, volley ball, swimming, baseball, and soccer. These competitive games receive hearty support from many students and afford an opportunity for active participation. Practically all of the students at Clemson participate in some form of recreation or an intramural sport. Quite a number take part in many intramural sports. Participation is voluntary, but the majority of the students take advantage of this opportunity for wholesome recreation and physical direction under trained leadership.

RELIGIOUS INFLUENCES

Clemson cooperates with the various churches and the Y. M. C. A. in the religious training of its students. The Y. M. C. A. located on the campus, provides accommodations for all denominational groups not having church homes on the campus and is used a great deal by campus church groups, often because it is so convenient and accessible. Numerous union services and cooperative meetings of young peoples' societies of the campus churches and of the Y. M. C. A. Councils, and Cabinet afford a united front for religious services.

Five denominations: Baptist, Episcopal, Methodist, Presbyterian, and Roman Catholic, have erected churches in the community. Arrangements are made for services for students of other denominations. Sunday schools and young people's church societies are maintained by the local churches. Attendance upon the services of these organizations is voluntary.

Courses in Religion, which are credited as free electives, are offered. This work is not financed by the College. For information regarding these courses see the description of courses.

HISTORICAL STATEMENT

In 1889, the General Assembly of South Carolina accepted the bequest of Thomas G. Clemson, which set aside the bulk of the Clemson estate for the founding of a scientific and technical college. The institution was also established under the Morrill Land-Grant Act passed by the National Congress in 1862. Clemson College, therefore, is the Agricultural and Mechanical College of South Carolina and is a member of the national system of Land-Grant Colleges and Universities.

The nature of the institution is outlined in Mr. Clemson's will and its acceptance by the legislature.

The will in part reads:

"Feeling a great sympathy for the farmers of this State, and the difficulties with which they have to contend in their efforts to establish the business of agriculture upon a proper basis, and believing that there can be no permanent improvement in agriculture without a knowledge of those sciences which pertain particularly thereto, I have determined to devote the bulk of my property to the establishment of an Agricultural College upon the Fort Hill Place. My purpose is to establish an Agricultural College which will afford useful information to the farmers and mechanics; therefore it should afford thorough instruction in agriculture and the natural sciences connected therewith; it should combine, if practicable, physical with intellectual education; and should be a high seminary of learning in which the graduate of the common schools can commence, pursue and finish a course of studies terminating in thorough theoretic and practical instruction in those sciences and arts which bear directly upon agriculture. * * * * but to always bear in mind that the benefits herein sought to be bestowed are intended to benefit agriculture and mechanical industries. * * * * I trust I do not exaggerate the importance of such an institution for developing the material

resources of the State, by affording its youth the advantages of scientific culture.

"The desire to establish such a school or college, as I have provided for in my said last will and testament, has existed with me for many years past, and many years ago I determined to devote the bulk of my property to the establishment of an Agricultural School or College. To accomplish this purpose is now the one great desire of my life."

This will gave all that part of the Fort Hill Estate inherited by Mrs. Clemson from her mother and the bulk of Mr. Clemson's other real and personal property. The latter amounted to a sum, which, considering the purchasing power at the time, probably has been only a few times exceeded in a public benefaction in South Carolina.

A Board of Trustees of seven members was provided for: R. W. Simpson, D. K. Norris, M. L. Donaldson, R. E. Bowen, B. R. Tillman, J. E. Wannamaker, and J. E. Bradley, who with those chosen by the General Assembly, should constitute a governing board in case the State accepted the bequest; but, who, in case the State declined the bequest, should alone constitute a governing board for a private institution.

These seven trustees, along with other friends of the movement, and the agricultural groups in the State developed and organized a public opinion favorable to the plan.

In November, 1889, the General Assembly of South Carolina accepted the terms of the will, and, following the decision of the United States Supreme Court to uphold the will, the State of South Carolina and the full Board of Trustees proceeded to convert the dream of Thomas G. Clemson into the reality of Clemson College.

The College was formally opened in July, 1893, with an enrollment of 446 students. The first graduating exercises were held in December, 1896, with a graduating class numbering thirty-six—fifteen in the agricultural courses and twenty-one in the engineering courses.

LOCATION

The College is located on the Fort Hill homestead of John C. Calhoun, in the picturesque foothills of the Blue Ridge. It has an elevation of 800 feet above sea level and commands an excellent view of the mountains to the north and west, some of which attain an altitude of over five thousand feet.

The College is located at Clemson, S. C., on the main line of the Southern Railway, and four miles from Pendleton, on the Blue Ridge Railway. State Highways number 13 and 24 pass through Clemson, and daily bus service at regular intervals is available.

CLEMSON COLLEGE ALUMNI CORPORATION

The Alumni Corporation has established a permanent office on the campus. The office is in charge of a secretary, who is elected by the Board of Directors of the Corporation. The Clemson office is a clearing house for all matters concerning the alumni. In addition to keeping accurate records of addresses and information concerning alumni, the Corporation has established at the Clemson headquarters, a bureau for repairing Clemson class rings, and for securing duplicates of these rings.

The Corporation holds its regular annual meeting at the College on Saturday of Commencement. At this meeting all officers are elected. The Secretary is elected by the Board of Directors which is in turn responsible to the general Corporation for the conduct of its business. The purpose of the Alumni Corporation is to serve the College and the alumni in every possible way. All correspondence regarding its affairs is conducted through the Clemson office.

Graduates and former students are requested to keep the Alumni Office informed as to changes of address, occupation, and other matters that will be of interest to those in charge of Alumni Records and mailing lists.

PART III—STUDENT LIFE AND ACTIVITIES

CADET MILITARY ORGANIZATION

Clemson College is operated as a military school,—not for the purpose of making soldiers, but in order that the students may learn the importance of loyalty and obedience to authority, and acquire the habit of being courteous, systematic, and punctual.

The military system places every student on an equal standing. All cadets wear the uniform, live under the same conditions, and are subject to the same privileges and restraints.

The military system does not in any way interfere with the regular college work, but on the other hand enables it to maintain a higher level of efficiency. Military training is a feature that gives to Clemson's graduates an advantage which is an important factor in their future progress and success.

CLUBS AND SOCIETIES

Honor Fraternities. Honor scholarship organizations, including Tau Beta Pi, Sigma Tau Epsilon, Phi Psi, Alpha Zeta, Alpha Tau Alpha, and Iota Lambda Sigma, give recognition to superior work done by Engineering, General Science, Textile, Agricultural, Agricultural Education, and Industrial Education students respectively.

The Phi Kappa Phi, honor society, and the Phi Eta Sigma fraternity both have chapters at Clemson. The former is an all-college honor organization composed of members of the senior class. The latter is a freshman organization with members selected from students who attain a high scholastic standing during the first semester of the freshman year.

The military activities of the cadet officers of the corps are recognized in membership in the Society of Scabbard and Blade, a national military honor fraternity.

The Blue Key, a national fraternity based upon leadership, has a chapter at Clemson.

Student Clubs. Students majoring in various courses of instruction have organized clubs. Among such clubs are included the Agricultural Economics Club, the Dairy Club, the Horticultural Club, the Minaret Club (an architectural organization), the Athanor (a chemical society), and Iota Epsilon (Industrial Education).

Two literary societies, the Calhoun and the Palmetto, furnish a valuable supplement to scholastic work.

Engineering Societies. Outstanding students majoring in engineering courses are selected for membership in the Student Chapter of the American Institute of Electrical Engineers, American Society of Mechanical Engineers, and the American Society of Civil Engineers.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Y. M. C. A. partakes of the nature of a small city Y. M. C. A. While it is recognized as a student association, the tremendous volume of community service undertaken in the building might easily qualify it as a community building. Hundreds of basketball and volley ball games are participated in by students, faculty, campus children, and visitors from neighboring communities. Social functions sponsored by the Y. M. C. A., or with the Y. M. C. A. cooperating, and Open House programs are almost daily occurrences in the club rooms, scout rooms, and cabinet rooms. It is here that many visiting groups are entertained with, and for, students and campus organizations. Evening Watch prayer groups, forum groups, freshman, sophomore, junior, and senior councils all cooperate with, and under, the leadership of the Y. M. C. A. senior cabinet to make possible a real spiritual and mental development in the lives of all the students. Sixty-two faculty members and others visited with students in their evening watch or forum meetings in barracks last year and many student leaders took part in these meetings.

The Y. M. C. A. has supervision of voluntary religious activities of the students and endeavors to contribute to the religious, social, and physical life of the college community.

There are two Vesper services in the Y. M. C. A. auditorium each Sunday. Usually 400 or more attend the afternoon Vesper and often 550 or 600 attend the evening Vesper. Outstanding speakers and many visiting deputation groups are supplemented by local speakers, ministers, and campus leaders. Many educational, news, and travel reels are shown for the students over the weekend.

ATHLETICS

It is the policy of the College to sanction and encourage athletics so long as participation does not interfere with studies and other duties. Football, baseball, basketball, and track are the most popular sports. The College is a member of the Southern Conference and of the South Carolina Intercollegiate Athletic Association.

Intercollegiate Athletics. For the regulation of intercollegiate athletics, the faculty has adopted the following rules:

1. At the end of each grading period, the faculty athletic committee will canvass the records of athletes; and, if any are found to be so deficient as to endanger their scholastic standing, they will be withdrawn from the squad.

2. In order to participate in intercollegiate contests, each athletic team may be allowed a maximum absence of ten days during the session (Saturday afternoon, Sunday and holidays not to be included). No one contestant or representative shall be allowed to leave the campus for more than twenty days during the session, except at the discretion of the faculty athletic committee.

3. No member of an athletic team shall be eligible for a managerial position in any other branch of sport.

4. No team shall be allowed to leave the College grounds to participate in any match game unless accompanied by an authorized coach or other member of the faculty, who shall be responsible to the College for the conduct of the players while away.

5. No student shall be eligible to participate in an intercollegiate contest who is away from the College without proper authority or without having complied with all the rules or orders issued by the President regarding such matters.

6. It shall be the duty of the faculty athletic committee to see that the foregoing rules and regulations are strictly enforced.

MEDALS AND HONORS

Trustees' Medal. The Board of Trustees has provided for a gold medal to be awarded annually at Commencement to the best speaker among the representatives of the literary societies. In 1942 the medal was awarded to James Nelson Glenn, Clemson, South Carolina; in 1943 to Laconla Hinson Hance, Lancaster, South Carolina; and in 1944 to Joseph Jack Lipton, Beaufort, South Carolina.

Norris Medal. The following is from the will of Hon. D. K. Norris, a life trustee of Clemson, who died in 1905:

"I give $500 face value, Norris Cotton Mill stock . . . . on condition the dividend thereon shall be applied annually to the purchase of a gold medal, to be known as the 'Norris Medal,' to be awarded to the student of Clemson meriting the same at graduation, under such rules and conditions as may be prescribed by the said Board of Trustees, and which medal shall have engraved on it 'Honor habet onus' (Honor brings responsibility)."

In 1942 the medal was awarded to Joe White Nims, Jr., Lancaster, South Carolina; and in 1943 to Hartwell Elmore Blanton, Spartanburg, South Carolina. The Norris medal was not awarded in 1944 because of the small number of graduates.

However, the graduates of 1944 will be considered as eligible for this medal when it is next awarded and their records will be given equal consideration with the records of subsequent graduates.

R. W. Simpson Medal. A medal designated as the " R. W. Simpson Medal" is awarded annually to the best drilled cadet in the freshman, sophomore, or junior class.

In 1942 the medal was awarded to Joe Ernst Spearman, Chattanooga, Tennessee; in 1943 to William Riley Richardson, Seneca, South Carolina; and in 1944 to Charles Oscar Brightman Skinner, Jacksonville, Florida.

Arnold R. Boyd English Honor Key. Arnold R. Boyd, '14, now a lawyer in New York, donates this Honor Key annually to the student in the graduating class who makes the highest average in English during his college course.

In 1942 this key was awarded to Olin Benjamin Cannon, Jr., Newberry, South Carolina; and in 1943 to Troy Kenneth Cribb, Spartanburg, South Carolina. The key was not awarded in 1944 because of the small number of graduates.

Architect's Medal. The South Carolina Chapter of the American Institute of Architects each year awards a medal to the outstanding junior or senior in Architecture.

In 1942 the medal was awarded to Robert Stanford Woodhurst, Jr., Abbeville, South Carolina; and in 1943 to Irving Maynard Pearlstine, St. Matthews, South Carolina. This medal was not awarded in 1944 because of the small number of graduates.

Agricultural Certificates of Merit. Beginning with the session of 1914-1915 certificates of merit have at times been awarded to two farmers in South Carolina who have rendered distinguished service in the agricultural development of the State.

National Association of Cotton Manufacturers Medal. For several years this medal has been awarded to the outstanding graduate in Textile Engineering.

In 1942 the medal was won by James Harleston Barton, Anderson, South Carolina; and in 1943 by Langdon Sumpter Ligon, Greenville, South Carolina. This medal was not awarded in 1944.

Textile Colorist Prize. This award for the best work done in Textile Chemistry and Dyeing by a member of the graduating class was won in 1942 by James Joseph Casserly, Flushing, New York; and in 1943 by Charles Ryan Howard, North Augusta, South Carolina. This award was not given in 1944.

Phi Psi Award. This award is made by the National Honor Council of the Phi Psi Textile Fraternity to the textile graduate who has attained the highest scholastic record in textile courses. In 1943 the award was won by Charles Ryan Howard, North Augusta, South Carolina.

Anderson Fellowship. This fellowship, which provides the sum of $400.00 for pursuing graduate study, was awarded in 1942 to Richard Edward Gettys, Lugoff, South Carolina; in 1943 to James Bruce Pate, Monroe, North Carolina; and in 1944 to Leland Overby Drew, White Hall, South Carolina.

Clemson Foundation Award. This award of $50.00 by the Clemson Foundation to an undergraduate who is attending Clemson largely through his own efforts and whose scholastic record is good was won in 1942 by William McKinley Alexander, Seneca, South Carolina.

PART IV—ORGANIZATION AND GOVERNMENT

ADMINISTRATIVE ORGANIZATION

Board of Trustees. The government of the College is vested in a Board of thirteen members, six of whom are elected by the Legislature, and seven life and self-perpetuating under the Clemson will. The function of this Board is legislative and not executive. The Board determines the general policy of the College, makes the laws for its government, and directs the expenditure of its funds.

The President is the chief executive and administrative officer of the Board of Trustees. He is the head of the College and is responsible for its satisfactory working and success.

The College is divided into schools of Agriculture, Chemistry, Engineering, General Science, Textiles, and Vocational Education. A dean is at the head of each school and is responsible to the President for its conduct and success. The schools are comprised of departments. Each department is in charge of a professor who acts as its head. The President conducts all official business with each department through its dean.

The Faculty consists of all officers of instruction in the College. The voting members are the deans, professors, associate professors, and assistant professors.

The faculty meets once a month, or whenever called by the President, and is an advisory body to the President, on the instructional work of the College and such other business as he may bring before it.

The deans and directors of the various schools and departments meet weekly or when called by the President for consideration of matters affecting the welfare of the College. Departmental faculty meetings are held periodically.

Faculty Committees. In order to aid him in his executive duties and to carry on the instructional work of the College, the President appoints committees from the faculty. To these are assigned certain specified lines of work and the committees are clothed with full authority.

The Discipline Committee. The Discipline Committee is composed of the six deans of the schools and two full professors elected annually by the Board of Trustees. This committee constitutes the court of the College and tries cadets charged with serious offenses under the regulations. The President is the reviewing authority of the Discipline Committee, and may at his discretion set aside or modify the sentences imposed. A parent, or a cadet over age, has the right to appeal from the sentence of the Discipline Committee to the Board of Trustees, provided the appeal is lodged with the President of the College within thirty days. This appeal must be forwarded to the President of the Board of Trustees, who, if he deems the appeal meritorious, shall present it at the next regular or called meeting of the Board.

All trials by the Discipline Committee are open to the public and all testimony is taken under oath and recorded stenographically as in a civil court. A student on trial may have some member of the faculty to assist him in his defense if he so desires.

MILITARY ORGANIZATION

The President. The President of the College shall have general command and government of the institution, watching over its administration, discipline, and instruction. He shall have authority to make rules from time to time, governing the granting of permits and furloughs to cadets; to inspect anything in a cadet's room or personal baggage; to suspend or modify these regulations, or to publish special regulations when he considers it necessary, which shall have the authority of the Board of Trustees until they shall act on the same. He shall prescribe the hours of study, drill, and recreation.

Commandant. The Commandant of Cadets, under the President, has supervision of the discipline of the Corps of Cadets. He shall prescribe the order in which the furniture, bedding, books, clothing, equipment, etc., shall be arranged throughout the barracks and shall make a thorough inspection of the rooms, furniture, arms, equipment and uniforms of the cadets at least once each week. He shall have the right to inspect anything in a cadet's room or personal baggage. He shall perform such other duties as are prescribed in the regulations. He shall have the rank of Colonel.

Assistant Commandants. The Assistant Commandants shall perform such duties as may be prescribed for them by the President or Commandant.

Military Instruction. All students, excepting such students as are excused by the President, must take a minimum of five hours military instruction per week. All who pass the required physical examination must take the Basic Course prescribed by the War Department for the R. O. T. C. during their freshman and sophomore years.

Cadet Officers and Non-commissioned Officers. The cadet officers and non-commissioned officers are appointed by the Professor of Military Science and Tactics, subject to the approval of the President. When practicable they shall be appointed from members of the R. O. T. C. who have been most studious and soldier-like in the performance of their duties and most exemplary in their conduct. No cadet may decline any office to which he may be appointed.

As a rule the officers shall be appointed from the senior class, the non-commissioned officers, except corporals, from the junior class, and the corporals from the sophomore class.

Study Hours. Study hours are those parts of the day which are designated for study and shall be prescribed in orders. All hours at which a student has no classes or other duties may be used as study hours and students are expected to use vacant hours during the day as well as the study period after supper for study.

Class Attendance. Punctuality in the attendance of classes and other prescribed duties is required at Clemson College.

Furloughs. Every cadet is responsible for his class absences whether he is on a furlough or at the College. Restrictions regarding class absences are explained in the class attendance regulations. Any cadet who has been granted a furlough and who stays over the time stipulated, unless for sickness or other reason acceptable to the Commandant, will be administered a punishment not to exceed one month's arrest and twenty demerits. In case a cadet is prevented by sickness from returning at the stipulated time, he must submit a certificate from his attending physician. However, no such certificate will be accepted unless the President or the Commandant has been notified in advance of the expiration of the furlough.

Cadets returning late on furlough are placed in room arrest pending an investigation of the reason of the late return.

All communications from parents requesting furloughs for their sons must be addressed or sent directly to "The Commandant," and must set forth fully the reason for the request. No furlough will be granted unless the reasons given are considered satisfactory and sufficient justification for any loss of time from college duties; every student is held responsible for his class absences in accordance with the provisions of the class attendance regulations. Telegrams which do not explain fully will not be accepted as complying with the rules. In any case in which business is given as a reason, the nature of the business must be explained fully.

A parent has the right to demand a discharge from College at any time and for any reason, but the College authorities reserve the right to grant or refuse to grant furloughs.

Week-End Leaves. Week-end leaves will be granted under conditions prescribed by the President.

Demerits. Any regular cadet who may receive within any one semester more than 90 demerits during his freshman year, or more than 70 demerits during his sophomore year, or more than 60 demerits during his junior year, or more than 50 demerits during his senior year; or any day cadet who may receive within any one semester more than 70 demerits during his freshman year, or more than 60 demerits during his sophomore year, or more than 50 demerits during his junior year, or more than 35 demerits during his senior year shall be required, by the President, to withdraw immediately from College.

Discharge. No cadet unless twenty-one years of age and paying his own way at college shall be honorably discharged except on the written application of his parents or guardian addressed to the President, or for reasons satisfactory to the President.

SCHOLASTIC REGULATIONS

1. The semester hour shall be the basis of all credits. One recitation hour or three laboratory or shop hours a week if self-contained, or two if considerable work is required out of the class period, shall constitute a semester hour.

2. The standing of a student in his work at the end of a semester shall be based on daily class work, regularity of attendance, tests or other work, and the final examinations.

3. Written examinations shall be required in all subjects at the end of each semester, except in certain laboratory or practical courses where not deemed necessary by the department faculty. A student who has been absent from more than one-fourth of the total number of class periods in any subject for a semester is debarred from the final examination.

4. A semester grade once reported to the Registrar shall be the final grade for the period covered.

5. No semester grade shall be given out or posted until the last day of the examination period. Grades will then be posted by instructors as promptly as possible.

6. *Reports and Grades*—Semester reports are mailed to parents after the end of each semester (usually within two or three weeks). Mid-semester reports do not form a part of the permanent record in the Registrar's office, but are sent to parents for their information.

The grading system shall be as follows:

A—Excellent. Indicates that the student is doing work of a very high character. The highest grade given.

B—Good. Indicates work that is satisfactory, though not of the highest order.

C—Fair. Indicates work of average or medium character.

D—Pass. Indicates work below average and unsatisfactory. The lowest passing grade. For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required.

E—Conditioned. Indicates a failure to satisfy the requirements as to daily recitations, tests or other work, as well as to the final examination, which condition in the opinion of the instructor may be made up by reexamination at some fixed time.

F—Failed. Indicates that a student knows so little of the subject that it must be repeated in order that credit may be received.

I—Incomplete Work. Indicates that a relatively small part of the semester's work remains undone. A grade *I* is not to be given a student who has made a grade F on his daily work.

"I-Abs. Ex." Indicates absence from examination on account of sickness or other satisfactory reason.

7. *Grade Points.* Nine grade points are assigned for each credit hour on which the student receives the grade of *A;* six grade points for each credit hour of grade *B;* and three for each credit hour of grade *C.* No grade points are assigned for grades *D, E,* or *F.* In calculating a student's grade-point ratio, the total number of grade points accumulated by the student is divided by the total number of credit hours taken by the student during the semester, session, or other period for which the ratio is calculated.

8. *Absences from Class. Removal of Grade I.*

Instructors keep a daily record of class attendance.

Students should not request instructors to excuse them from classes or to change class periods or examinations. Instructors have no authority to grant such requests.

All class work missed on account of absences for good and sufficient reasons shall be made up to the satisfaction of the instructor within thirty days after the student returns to classes.

All incomplete grades (*I's*) for a semester not removed within thirty days after the beginning of the next semester shall become *F's* unless an extension of time is approved by the instructor concerned and the Registrar.

A student who, for reasons satisfactory to the faculty, is absent from any of the first semester examinations will be graded *I-Abs. Exam.* and will be allowed to make up these examinations during the second semester at the period scheduled for this work. A student who is absent for satisfactory reasons from any of the second semester examinations shall stand them during the make-up period in September. A student who is absent from an examination without excuse is graded F.

9. *Special Examinations.* Any request for a special examination must be approved by (1) the instructor concerned, (2)

the head of the department concerned, (3) the dean of the school, and (4) the registrar. When the request is approved by all those concerned, a special examination will be given on payment of a $2.00 fee.

10. *Removal of Conditions.* Only one opportunity shall be given a student to remove a condition (*E*) by a reexamination. A student who fails to pass such a reexamination shall be required to repeat the subject hour for hour in class. Not more than twelve credit hours of conditions for a session shall be removed by reexamination. A student shall not receive a grade higher than D when a deficiency is removed by reexamination.

Reexaminations shall be held as scheduled by the schedule committee. All conditions (*E's*) not removed during the time set aside for reexaminations shall become failures.

11. *Removal of Failures.* A student who has failed (made a grade *F*) in a subject cannot receive credit for that subject until it has been repeated hour for hour in class, except that in the case of correlated laboratory work, the number of hours to be taken shall be determined by the instructor. Where separate grades for class and laboratory work are given, that part of the subject shall be repeated in which the failure occurs.

12. *Withdrawals on Account of Unsatisfactory Work.* A student whose record is generally unsatisfactory may be required to withdraw from College at any time.

To be eligible to return to College for his second academic session, a student must have completed a total of twenty-seven semester hours; to return for his third session, a total of fifty-one; and to return for his fourth session, a total of eighty-one. In the event of illness or other extenuating circumstances, these credit-hour requirements may be reduced for individual students to twenty-four, forty-eight, and seventy-eight, respectively. Semester hours completed in accredited summer schools will be included in determining whether or not a student is eligible to return.

The above regulation refers only to the minimum requirements which students must meet to be eligible to return to the College in September. Higher standards are required for third-year students to be classified as juniors and fourth-year students to be classified as seniors.

13. *Promotion and Classification.* Promotion is by subjects, but a student is classified according to the amount of college work completed.

To be classified as a senior and to wear the numeral "4" on the uniform and be entitled to senior privileges, a student must have completed prior to the opening of the session a total number of credits within forty-seven of the requirements for graduation in his course and must have earned twice as many grade points as this minimum number of credit hours.

To be classified as a junior and to wear the numeral "3" on the uniform and be entitled to junior privileges, a student must have completed prior to the opening of the session a total number of credits within fourteen of the number required in the first two years of his course and must have earned twice as many grade points as this minimum number of credit hours.

To be classified as a sophomore and to wear the numeral "2" on the uniform and be entitled to sophomore privileges, a student must have completed prior to the opening of the session a minimum of between twenty-four and twenty-seven semester hours, the exact amount to be determined in individual cases.

All new students are classified as freshmen unless they have attended another college prior to entrance and have completed sufficient scholastic work as to enable them to complete the requirements for graduation from Clemson in not more than three regular sessions.

A student's classification at the beginning of the session will remain his classification throughout the session. Every student is responsible for knowing the requirements of his course and his status in regard to meeting these requirements.

14. *Amount of Class Work Permitted and Required.* The normal schedule for a student includes only as many credit hours as are required for the class and course in which he is registered. Students should schedule this amount of work unless their credits are restricted as a result of a poor scholastic record. Students are advised not to exceed the normal schedule except upon approval by the class adviser.

The maximum number of credit hours which a student may schedule during either semester of a session is governed by his grade-point ratio on all scholastic work taken at the College prior to the opening of that session. (The entering freshman is restricted to the requirements of his course.) The following table indicates the cumulative grade-point ratio required for a student to be permitted to schedule a specified maximum number of credit hours. The maximum allowed in either semester is listed opposite the grade-point ratio which the student must have on all work taken at the College prior to the opening of the session concerned:

Grade-Point Ratio Required on All Previous Scholastic Work at Clemson	Maximum Semester Credit Hours Which May Be Scheduled in Either Semester of the Session Concerned
0.00 to 0.99	18
1.00 to 1.99	19
2.00 to 2.99	20
3.00 to 3.99	21
4.00 to 4.99	22
5.00 to 5.99	23
6.00 to 6.99	24
7.00 to 7.99	25
8.00 or above	26

If any student schedules excessive credits amounting to one third of a semester hour or a greater amount, he will be automatical-

ly dropped from a sufficient number of subjects to reduce his total credits within the limits. If for any reason a student's excessive registration continues throughout the semester, his credit on one or more subjects passed will be cancelled at the end of the semester.

15. *Dropping Class Work.* Upon the recommendation of the instructor and the director concerned, a student's standing will be investigated and he may be required to drop a subject because of neglect, or lack of application or preparation. No student will be dropped under this rule without approval by the President.

A subject dropped after the middle of the semester is recorded as a subject failed unless the student shall have a daily average of *C* or above in that subject; in which case it will be recorded as "subject dropped."

16. *Time of Scheduling Work.* All students shall register for classes during the class registration period. A fee of two dollars is charged for registering late for class work.

17. *Deficiences in Year Courses.* A student who receives a grade *F* on a first-semester subject that is prerequisite for a second-semester subject shall not schedule such second-semester subject without permission of the dean of the school concerned.

18. *How to raise a Grade E.* A grade *E* may be removed as prescribed in Section 10. However, if a student makes a grade *E* in a subject which continues beyond the first semester and to the end of the second semester, the instructor may at the end of the session recommend that the grade be raised to a *D*, provided the grade made on the work of the second semester is *A* or *B*. In such a case the recommendation of the instructor shall be made a special report, must be approved by the dean of the school, and must accompany the grades of the second semester.

19. *Promotion to the Junior and Senior Classes.* A student shall not be permitted to enroll in the senior class until all the work of the freshman and sophomore classes has been completed. A student shall not be admitted to the junior and senior classes who has not met the requirements stated in Rule 13.

20. *Requirements for Graduation.* For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required. All work must be completed before 5 P. M. on the Thursday preceding Commencement. Residence of at least one regular session shall be required for graduation.

21. *Seniors Failing to Graduate.* A senior who fails to graduate because of one F on a subject or one or more grades of E or I shall have an opportunity of removing the unsatisfactory grades by examination after commencement provided that he can furnish evidence of having done satisfactory study. A senior who qualifies for graduation under this regulation will be awarded his degree on the next regular date for the award of degrees.

22. *Change in Course.* Aimless shifting is discouraged, but for good reasons a change in course may be made at the end of any semester. The student must meet the full requirements of the course to which he changes.

23. All requests from the students to the faculty must be made in writing.

PART V—DEGREES AND CURRICULA

REQUIREMENTS FOR DEGREES

The degree of Bachelor of Science is awarded to those students who satisfactorily complete one of the four-year curricula offered under the Schools of Agriculture, Chemistry, General Science, Textiles, Vocational Education, and to those students who complete the course in Architecture, Architectural Engineering, or Chemistry-Engineering under the School of Engineering. The degrees of Bachelor of Civil Engineering, Bachelor of Electrical Engineering, and Bachelor of Mechanical Engineering are awarded to the graduates of these respective courses.

In addition to the courses prescribed in the various curricula, at least twelve hours of *free electives* are allowed. Other electives are subject to the approval of the dean of the school in which the major course is taken. For rules governing scholastic work, see the scholastic regulations.

All work for a degree must be completed by 5 P. M. on the Thursday preceding graduation exercises. Residence of at least one regular session is required for graduation. Every candidate for a degree must pay to the Treasurer of the College the cost of his diploma before 5 P. M. on the Thursday preceding graduation.

If all work toward a degree is not completed within five years after entrance, the student may be required to take additional courses.

PROFESSIONAL DEGREE IN ENGINEERING

The College offers the following professional engineering degrees: Civil Engineer, Electrical Engineer and Mechanical Engineer.

The requirements for these degrees are: (a) a Bachelor's degree from Clemson College in one of these three branches in

engineering, (b) five years of subsequent professional experience, one year of which must have been in responsible charge of engineering or engineering instruction, (c) the preparation of a thesis demonstrating distinct technical ability. (Detailed information regarding professional degrees may be obtained from the Registrar.)

COURSES OF STUDY

Twenty-three undergraduate courses of study are offered in the schools of Agriculture, Chemistry, Engineering, General Science, Textiles, and Vocational Education. The major courses under each department are indicated below:

School of Agriculture
- Agricultural Economics and Rural Sociology
- Agricultural Engineering
- Agronomy
- Animal Husbandry
- Dairy
- Entomology
- Horticulture

School of Chemistry
- Chemistry

School of General Science
- General Science
- Industrial Physics
- Pre-Medicine

School of Engineering
- Architectural Engineering
- Architecture
- Chemistry—Engineering
- Civil Engineering
- Electrical Engineering
- Mechanical Engineering

School of Textiles
- Textile Chemistry and Dyeing
- Textile Engineering

School of Vocational Education
- Agricultural Education
- Education
- Industrial Education
- Textile Industrial Education

In addition to the work in these regular courses, the College offers the opportunity for certain work after graduation to properly qualified students from this and other institutions. This work may be of an advanced nature or may be a special program of undergraduate studies. Students interested in work along this line should consult the Registrar or the Head of the Department concerned.

While the College is glad to assist all who ask for help in securing employment, it does not guarantee positions to those who complete any of the courses of study.

In the curricula which follow are given the official title and number of the course, the descriptive title, the number of semester hours credit, and in parentheses the number of hours per week in class and laboratory, respectively.

SCHOOL OF AGRICULTURE

The School of Agriculture offers courses in seven major fields: Agricultural Economics and Rural Sociology, Agricultural Engineering, Agronomy, Animal Husbandry, Dairying, Entomology, and Horticulture.

All students in this school, except those majoring in Agricultural Engineering, take the basic course in Agriculture during the freshman and sophomore years. The student is advised to select his major at the beginning of the sophomore year in order that he may pursue the proper sequence of courses. He must consult the head of the department in which he wishes to major so that he may have a clear understanding of the requirements of the department.

The following are the minimum requirements for the degree of Bachelor of Science in Agriculture:

1. Completion of the Basic Curriculum.

2. Completion of all courses required by the department in which the student elects to pursue his major work .

3. Completion of sufficient elective credit hours to make a total of 142 semester credit hours.

4. A minimum of 284 grade points.

Students of the School of Agriculture are given an opportunity to become familiar with the work of the Agricultural Experiment Station, the Agricultural Extension Service, the Crop Pest Commission, and the Department of Fertilizer Inspection and Analysis. They also have an opportunity to work on thesis problems in cooperation with members of the Agricultural Experiment Station staff and in this way gain an insight into the methods employed in scientific research.

The course in Agricultural Engineering is provided for the training of students in the principles of engineering as applied to agriculture. Due to the rapidly increasing demand for the services and advice of men trained in both agricultural and engineering technique, this course fills a necessary place in preparing men to meet these demands.

AGRICULTURE

Basic Curriculum
Required of all Agricultural Students

(Except those in Agricultural Engineering)

Freshman Year

First Semester			*Second Semester*		
*Bot. 15, General Botany	4	(3,3)	Eng. 16, Comp. and Lit.	3	(3,0)
Eng. 15, Comp. and Lit.	3	(3,0)	G. Ch. 12, General Chemistry	4	(3,3)
G. Ch. 11, General Chemistry	4	(3,3)	Math. 11, Trigonometry	5	(5,0)
Math. 13, College Algebra	5	(5,0)	M. S. 12, Military Science	1⅔	(1,2)
M. S. 11, Military Science	1⅔	(1,2)	*Zool. 15, General Zoology	4	(3,3)
	17⅔			17⅔	

Sophomore Year

*A. H. 21, Types and Breeds	3	(2,3)	*Ag. Ec. 22, Agric. Economics	3	(3,0)
or *Dairy 21, Dairying	3	(2,3)	or *Hort. 22, General Hort.	3	(2,3)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	Agr. 20, Soils	2⅔	(2,2)
*Geol. 21, Agricultural Geol.	3	(3,0)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
M. S. 21, Military Science	1⅔	(1,2)	M. S. 22, Military Science	1⅔	(1,2)
**Org. Ch. 23, Organic Chemistry	4	(3,3)	Org. Ch. 24, Organic Chemistry	4	(3,3)
Phys. 11 & 15, General Physics	4	(3,3)	Phys. 12 & 16, General Physics	4	(3,3)
	17⅔			17⅓	

*Offered both semesters.

**As soon as facilities become available, Analytical Chemistry 22, 4 semester hours (2,6), will replace Organic Chemistry 23, and Organic Chemistry, 4 semester hours credit, will be given the second semester.

In the above list of subjects where an option is given, the student must elect the course which is prerequisite to his major work beginning the Junior year.

Students planning to major in Horticulture must schedule Drawing 12 the second semester of the Sophomore year.

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY MAJOR

Junior Year

First Semester

Ag. Ec. 31, Farm Finance	3	(3,0)
Ag. Ec. 33, Rural Sociology	3	(3,0)
Agr. 35, Farm Crops	3	(3,0)
Ent. 31, Elem. & Economic Ent.	3	(2,3)
M. S. 31, Military Science	⅔	(0,2)
Electives	5⅓	
	18	

Suggested Electives:

A. H. 21, Types and Breeds	3	(2,3)
A. H. 31, Feeds and Feeding	3	(3,0)
A. H. 37, Nutrition	3	(3,0)
Dairy 21, Dairying	3	(2,3)
Hort. 22, General Hort.	3	(2,3)

Second Semester

Ag. Ec. 32, Farm Management	4	(3,3)
Ag. Ec. 34, Public Finance	3	(3,0)
Eng. 31, Public Speaking	2	(2,0)
Gov. 32, State & Local Gov't.	3	(3,0)
M. S. 32, Military Science	⅔	(0,2)
Electives	5⅓	
	18	

Suggested Electives:

Ag. En. 22, Farm Machinery	3	(2,3)
Bot. 32, Farm Forestry	3	(2,3)
Dairy 34, Plant Org. & Mgt.	3	(3,0)
Econ. 32, Money & Banking	3	(3,0)

Senior Year

Ag. Ec. 41, Statistical Methods	3	(3,0)
Ag. Ec. 43, Mkt. Agric. Prod.	3	(2,3)
Ag. Ec. 51, Seminar	1	(1,0)
Bact. 31, General Bact.	4	(3,3)
M. S. 41, Military Science	⅔	(0,2)
Electives	6⅓	
	18	

Suggested Electives:

Ag. Ec. 45, Rural Com. Org.	3	(3,0)
Agr. 31, Fertilizers	2	(2,0)
Agr. 53, Cotton	2	(2,0)
A. H. 43, Beef Production	3	(2,3)
Bot. 45, Plant Pathology	3	(2,3)
Psych. 35, Psychology	3	(3,0)

Ag. Ec. 42, Econ. of Coop.	3	(3,0)
Ag. Ec. 46, Agric. Prices	3	(3,0)
Ag. Ec. 52, Seminar	1	(1,0)
Ag. En. 38, Soil Conservation	3	(2,3)
M. S. 42, Military Science	⅔	(0,2)
Electives	7	
	17⅔	

Suggested Electives:

Ag. Ec. 44, Agric. Prog. & Pol.	3	(3,0)
Econ. 44, Intro. to Business	3	(3,0)
Eng. 32, Business Law	2	(2,0)
Hort. 54, Truck Crops	2⅔	(2,2)
Hort. 58, Food Preservation	3	(2,3)
P. H. 32, Farm Poultry	3	(2,3)

AGRONOMY MAJOR

Junior Year

First Semester

Agr. 31, Fertilizers	2	(2,0)
Agr. 35, Farm Crops	3	(3,0)
A. H. 37, Nutrition	3	(3,0)
Bact. 31, General Bact.	4	(3,3)
Eng. 31, Public Speaking	2	(2,0)
M. S. 31, Military Science	⅔	(0,2)
Electives	3⅓	
	18	

Suggested Electives:

Ag. Ec. 33, Rural Sociology	3	(3,0)
A. H. 21, Types and Breeds	3	(2,3)
Hort. 22, General Hort.	3	(2,3)

Second Semester

Ag. En. 38, Soil Conservation	3	(2,3)
Agr. 32, Genetics	3	(2,3)
A. H. 31, Feeds and Feeding	3	(3,0)
Bot. 30, Plant Physiology	3⅓	(2,4)
Ent. 31, Elem. & Economic Ent.	3	(2,3)
M. S. 32, Military Science	⅔	(0,2)
Electives	2	
	18	

Suggested Electives:

Ag. En. 22, Farm Machinery	3	(2,3)
Bot. 32, Farm Forestry	3	(2,3)
Dairy 21, Dairying	3	(2,3)
P. H. 32, Farm Poultry	3	(2,3)

Senior Year

Agr. 45, Min. Nutr. Crops	2	(2,0)
Agr. 47, Adv. Crop Lab.	⅔	(0,2)
Agr. 49, Plant Breeding	2⅔	(2,2)
Agr. 51, Seminar	1	(1,0)
Agr. 53, Cotton	2	(2,0)
Agr. 61, Thesis	1	(0,3)
Bot. 41, Field Crop Diseases	2⅔	(2,2)
M. S. 41, Military Science	⅔	(0,2)
Electives	5⅓	
	18	

Suggested Electives:

Bot. 31, Economic Botany	3	(2,3)
Geol. 33, Mineralogy	2⅔	(2,2)

Agr. 42, Soil Management	2	(2,0)
Agr. 44, Soil Lab.	⅔	(0,2)
Agr. 52, Seminar	1	(1,0)
Agr. 62, Thesis	1	(0,3)
Bact. 44, Soil Microbiology	3	(2,3)
Gov. 32, State & Local Gov't	3	(3,0)
M. S. 42, Military Science	⅔	(0,2)
Electives	6⅓	
	17⅔	

Suggested Electives:

Ag. Ec. 32, Farm Management	4	(3,3)
Ag. Ec. 44, Agric. Prog. & Pol.	3	(3,0)
An. Ch. 22, Quantitative Anal.	4	(2,6)
A. H. 34, Pork Production	3	(2,3)
Bot. 34, Taxonomy	3	(2,3)
Y. M. 28, Cotton Grading	⅔	(0,2)

ANIMAL HUSBANDRY MAJOR

Junior Year

First Semester

Agr. 35, Farm Crops	3	(3,0)
A. H. 31, Feeds and Feeding	3	(3,0)
A. H. 33, Feeds & Feeding Lab.	1	(0,3)
Bact. 31, General Bact.	4	(3,3)
Dairy 33, Genetics	3	(2,3)
M. S. 31, Military Science	⅔	(0,2)
Electives	3⅓	
	18	

Suggested Electives:

Ag. Ec. 31, Farm Finance	3	(3,0)
Ag. Ec. 33, Rural Sociology	3	(3,0)
Ent. 31, Elem. & Economic Ent.	3	(2,3)

Second Semester

Ag. En. 22, Farm Machinery	3	(2,3)
A. H. 32, Judging	1	(0,3)
A. H. 34, Pork Production	3	(2,3)
A. H. 38, Breeds of Livestock	2	(2,0)
Eng. 31, Public Speaking	2	(2,0)
M. S. 32, Military Science	⅔	(0,2)
P. H. 32, Farm Poultry	3	(2,3)
Electives	3⅓	
	18	

Suggested Electives:

Ag. Ec. 32, Farm Management	4	(3,3)
Hort. 58, Food Preservation	3	(2,3)

Senior Year

A. H. 41, Adv. Feeds & Feeding	2	(2,0)
A. H. 43, Beef Production	3	(2,3)
A. H. 44, Farm Meats	2	(0,6)
Gov. 31, Amer. Government	3	(3,0)
M. S. 41, Military Science	⅔	(0,2)
Electives	7⅓	
	18	

Suggested Electives:

Ag. Ec. 43, Mkt. Agric. Prod.	3	(2,3)
Agr. 31, Fertilizers	2	(2,0)
A. H. 37, Nutrition	3	(3,0)
Psych. 35, Psychology	3	(3,0)
V. S. 41, Anatomy & Physiology	2⅔	(2,2)

A. H. 40, Animal Breeding	2⅔	(2,2)
A. H. 42, Horse & Sheep Prod.	4	(3,3)
A. H. 46, Advanced Meats	2	(1,3)
A. H. 52, Seminar	2	(2,0)
M. S. 42, Military Science	⅔	(0,2)
Electives	6⅓	
	17⅔	

Suggested Electives:

Ag. En. 38, Soil Conservation	3	(2,3)
P. H. 42, Poultry Prod. & Mgt.	2⅔	(2,2)
V. S. 42, Animal Diseases	2⅔	(2,2)

DAIRY MAJOR

Junior Year

First Semester

A. H. 31, Feeds and Feeding	3	(3,0)
Bact. 31, General Bact.	4	(3,3)
Dairy 31, Judging	1	(0,3)
Dairy 33, Genetics	3	(2,3)
Eng. 31, Public Speaking	2	(2,0)
M. S. 31, Military Science	⅔	(0,2)
Electives	4⅓	
	18	

Suggested Electives:

Ag. Ec. 41, Statistical Methods	3	(3,0)
Ag. En. 22, Farm Machinery	3	(2,3)
Agr. 35, Farm Crops	3	(3,0)
Ent. 31, Elem. & Economic Ent.	3	(2,3)

Second Semester

Dairy 30, Dairy Technology	3	(2,3)
*Dairy 34, Plant Org. & Mgt.	3	(3,0)
Dairy 38, Feeding & Mgt.	3	(2,3)
Eng. 32, Business Law	2	(2,0)
M. S. 32, Military Science	⅔	(0,2)
P. H. 32, Farm Poultry	3	(2,3)
Electives	3⅓	
	18	

Suggested Electives:

Ag. Ec. 32, Farm Management	4	(3,3)
Ag. En. 38, Soil Conservation	3	(2,3)
A. H. 34, Pork Production	3	(2,3)
*Dairy 36, Market Milk	3	(3,0)

Senior Year

Agr. 31, Fertilizers	2	(2,0)
Dairy 41, Dairy Manufactures	3	(2,3)
Dairy 43, Breeding	2⅔	(2,2)
Dairy 51, Seminar	2	(2,0)
M. S. 41, Military Science	⅔	(0,2)
Psych. 35, Psychology	3	(3,0)
Electives	4⅔	
	18	

Suggested Electives:

Ag. Ec. 31, Farm Finance	3	(3,0)
Bot. 45, Plant Pathology	3	(2,3)
Eng. 45, News Writing	2	(2,0)
V. S. 41, Anatomy & Physiology	2⅔	(2,2)

Bact. 40, Dairy Bact.	3	(2,3)
Dairy 42, Dairy Manufactures	3⅓	(2,4)
Dairy 48, Nutrition	3	(2,3)
Dairy 52, Seminar	2	(2,0)
Gov. 32, State & Local Gov't	3	(3,0)
M. S. 42, Military Science	⅔	(0,2)
Electives	2⅔	
	17⅔	

Suggested Electives:

Ag. Ec. 44, Agric. Prog. & Pol.	3	(3,0)
*Dairy 34, Plant Org. & Mgt.	3	(3,0)
Eng. 46, Business English	2	(2,0)
Hort. 58, Food Preservation	3	(2,3)
V. S. 42, Animal Diseases	2⅔	(2,2)

*Dairy 34 and 36 given in alternate years.

ENTOMOLOGY MAJOR

Junior Year

First Semester

A. H. 37, Nutrition	3	(3,0)
Bact. 31, General Bact.	4	(3,3)
Ent. 31, Elem. & Economic Ent.	3	(2,3)
M. S. 31, Military Science	⅔	(0,2)
Zool. 33. Adv. Zoology	2⅔	(2,2)
Electives	4⅔	
	18	

Suggested Electives:

Ag. Ec. 33, Rural Sociology	3	(3,0)
German 11, German	3	(3,0)
Hist. 31. Hist. of Civiliz.	3	(3,0)
Hort. 31, Plant Propagation	3	(2,3)

Second Semester

Agr. 32, Genetics	3	(2,3)
Eng. 31, Public Speaking	2	(2,0)
Ent. 32, General Entomology	3	(2,3)
M. S. 32, Military Science	⅔	(0,2)
Zool. 48, Game Management	2	(2,0)
Electives	7⅓	
	18	

Suggested Electives:

Bot. 32, Farm Forestry	3	(2,3)
German 12, German	3	(3,0)
Hist. 32, Hist. of Civiliz.	3	(3,0)
Zool. 34, Adv. Zoology	2⅔	(2,2)

Senior Year

Bot. 43, O. & T. Diseases	2⅔	(2,2)
Ent. 41, Econ. Entomology	2⅔	(2,2)
Ent. 45, Insect Morphology	2⅔	(2,2)
Ent. 59, Intro. to Research	1⅔	(1,2)
Gov. 31, Amer. Government	3	(3,0)
M.S. 41, Military Science	⅔	(0,2)
Electives	4⅔	
	18	

Ent. 42, Econ. Entomology	2⅔	(2,2)
Ent. 46, Taxonomic Entomology	2	(1,3)
Ent. 52, Seminar	2	(2,0)
Geol. 42, Meteorology	2	(2,0)
M. S. 42, Military Science	⅔	(0,2)
Soc. 31, Sociology	2	(2,0)
Electives	6⅓	
	17⅔	

Suggested Electives:

Ag. Ec. 41, Statistical Methods	3	(3,0)
Ent. 47, Parasitology	2⅔	(2,2)
P. H. 32, Farm Poultry	3	(2,3)

Suggested Electives:

Eng. 32, Business Law	2	(2,0)
Ent. 44, Beekeeping	2⅔	(2,2)

HORTICULTURE MAJOR

Junior Year

First Semester

Bact. 31, General Bact.	4	(3,3)
Ent. 31, Elem. & Economic Ent.	3	(2,3)
Hort. 31, Plant Propagation	3	(2,3)
Hort. 33, Prod. Hort. Crops	2⅔	(2,2)
*Hort. 43, Breeding	2⅔	(2,2)
M. S. 31, Military Science	⅔	(0,2)
Electives	2	
	18	

Suggested Electives:

Ag. Ec. 31, Farm Finance	3	(3,0)
Agr. 31, Fertilizers	2	(2,0)
Agr. 35, Farm Crops	3	(3,0)
A. H. 21, Types and Breeds	3	(2,3)
Bot. 31, Economic Botany	3	(2,3)
Hist. 31, Hist. of Civiliz.	3	(3,0)

Second Semester

Agr. 32, Genetics	3	(2,3)
Bot. 30, Plant Physiology	3⅓	(2,4)
Eng. 31, Public Speaking	2	(2,0)
Hort. 32, Elem. Landsc. Design	2⅔	(2,2)
M. S. 32, Military Science	⅔	(0,2)
P. H. 32, Farm Poultry	3	(2,3)
Electives	3⅓	
	18	

Suggested Electives:

Ag. Ec. 32, Farm Management	4	(3,3)
Bot. 34, Taxonomy	3	(2,3)
Dairy 21, Dairying	3	(2,3)
Eng. 32, Business Law	2	(2,0)

Senior Year

Ag. Ec. 43, Mkt. Agric. Prod.	3	(2,3)
A. H. 37, Nutrition	3	(3,0)
Bot. 43, O. & T. Diseases	2⅔	(2,2)
Hort. 41, Syst. Pomology	2⅔	(2,2)
*Hort. 43, Breeding	2⅔	(2,2)
Hort. 61, Seminar	1	(1,0)
M. S. 41, Military Science	⅔	(0,2)
Electives	2⅓	
	18	

Suggested Electives:

Ag. Ec. 33, Rural Sociology	3	(3,0)
Bot. 31, Economic Botany	3	(2,3)
Hort. 45, Landscape Design	2	(1,3)
*Hort. 47, Nut Culture	2⅔	(2,2)
Psych. 35, Psychology	3	(3,0)

Gov. 32, State & Local Gov't	3	(3,0)
Hort. 52, Com. Pomology	2⅔	(2,2)
Hort. 54, Truck Crops	2⅔	(2,2)
Hort. 58, Food Preservation	3	(2,3)
Hort. 62, Seminar	1	(1,0)
M. S. 42, Military Science	⅔	(0,2)
Electives	4⅔	
	17⅔	

Suggested Electives:

Ag. En. 38, Soil Conservation	3	(2,3)
Ent. 44, Beekeeping	2⅔	(2,2)
Geol. 42, Meteorology	2	(2,0)
Hort. 46, Adv. Landsc. Design	2⅔	(2,2)
Hort. 56, Landscape Design	2	(1,3)

*Hort. 43 and 47 are given in alternate years.

GENERAL AGRICULTURE

Special War-Time Curriculum

Freshman Year

(Same as given in Basic Curriculum. See page 72.)

Sophomore Year

(Same as given in Basic Curriculum, except that A. H. 21 and Hort. 22 are required in the sophomore year and Ag. Ec. 22 and Dairy 21 are required in the junior year. See page 72.)

Junior Year

First Semester			*Second Semester*		
Agr. 31, Fertilizers	2	(2,0)	Ag. Ec. 22, Agric. Economics	3	(3,0)
Agr. 35, Farm Crops	3	(3,0)	Ag. En. 22, Farm Machinery	3	(2,3)
A. H. 31, Feeds and Feeding	3	(3,0)	Agr. 32, Genetics	3	(2,3)
Bact. 31, General Bact.	4	(3,3)	Dairy 21, Dairying	3	(2,3)
Eng. 31, Public Speaking	2	(2,0)	Hort. 31, Plant Propagation	3	(2,3)
M. S. 31, Military Science	⅔	(0,2)	M. S. 32, Military Science	⅔	(0,2)
Electives	4		Electives	3	
	18⅔			18⅔	

Senior Year

Bot. 45, Plant Pathology	3	(2,3)	Ag. En. 38, Soil Conservation	3	(2,3)
Ent. 31, Elem. & Econ. Ent.	3	(2,3)	Agr. 42, Soil Management	3	(3,0)
M. S. 41, Military Science	⅔	(0,2)	M. S. 42, Military Science	⅔	(0,2)
Psych. 35, Psychology	3	(3,0)	P. H. 32, Farm Poultry	3	(2,3)
Seminar	3		Seminar	3	
Electives	4⅔		Electives	4⅓	
	17⅓			17	

The six semester hours of seminar listed for Seniors are for those students who would like to do special work in a chosen field. The department head has direct charge of this work.

AGRICULTURAL ENGINEERING

Freshman Year

First Semester

Draw. 13, Engr. Drawing	1⅓	(0,4)
Eng. 15, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)
Hist. 14, Amer. Econ. Hist.	2	(2,0)
*Math. 11, Trigonometry	5	(5,0)
M. E. 12, Forge & Foundry	2	(0,6)
M. S. 11, Military Science	1⅔	(1,2)
	19	

Second Semester

Draw. 14, Engr. Drawing	1⅓	(0,4)
Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 12, General Chemistry	4	(3,3)
Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
Math. 12, Analytics	3	(3,0)
Math. 14, College Algebra	2	(2,0)
M. E. 17, Woodwork	2	(0,6)
M. S. 12, Military Science	1⅔	(1,2)
	19	

*Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

Bot. 15, General Botany	4	(3,3)
Draw. 25, Des. & Kin. Drawing	1⅓	(0,4)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)
Math. 21, The Calculus	5	(5,0)
M. S. 21, Military Science	1⅔	(1,2)
Phys. 21 & 23, General Physics	5	(4,3)
	19	

A. H. 21, Types and Breeds	3	(2,3)
Eng. 22, Lit. and Adv. Comp.	2	(2,0)
Math. 22, The Calculus	5	(5,0)
M. E. 23, Machine Shop	2	(0,6)
M. S. 22, Military Science	1⅔	(1,2)
Phys. 22 & 24, General Physics	5	(4,3)
	18⅓	

Junior Year

Ag. En. 21, Shop	3	(2,3)
Ag. En. 22, Farm Machinery	3	(2,3)
C. E. 31, Mechanics	3	(3,0)
E. E. 35, Elec. Mach.	3	(3,0)
E. E. 35a, Elec. Lab.	⅔	(0,2)
Geol. 21, Agricultural Geol.	3	(3,0)
M. S. 31, Military Science	⅔	(0,2)
Electives	1	
	17⅓	

Ag. En. 35, Motors & Pwr. Mach.	3	(2,3)
Ag. En. 41, Rural Elec.	3	(2,3)
Agr. 20, Soils	2⅔	(2,2)
C. E. 23, Surveying	1	(1,0)
C. E. 23a, Field & Office Work	⅔	(0,2)
C. E. 32, Strength of Mat.	3	(3,0)
M. S. 32, Military Science	⅔	(0,2)
Electives	3	
	17	

Suggested Electives:

Draw. 31, Machine Design	1	(0,3)
Hort. 22, General Hort.	3	(2,3)
M. E. 39, Metallurgy	2	(2,0)
M. E. 22, Mat. of Engr.	2	(2,0)

Suggested Electives:

C. E. 28, Mat. of Const.	2	(2,0)
C. E. 34, Graphic Statics	1⅔	(1,2)
Dairy 21, Dairying	3	(2,3)
Draw. 28, Structural Drawing	1⅓	(0,4)
Draw. 32, Machine Design	1	(0,3)

Senior Year

Ag. En. 33, Farm Buildings	3	(2,3)
Ag. En. 51, Thesis	2	(1,3)
Agr. 35, Farm Crops	3	(3,0)
C. E. 49, Hydraulics	3	(3,0)
Eng. 31, Public Speaking	2	(2,0)
M. S. 41, Military Science	⅔	(0,2)
Electives	2⅓	
	16	

Ag. En. 34, Adv. Farm Buildings	3	(2,3)
Ag. En. 44, Survey & Drainage	3	(2,3)
Ag. En. 48, Adv. Farm Machinery	2	(1,3)
Ag. En. 52, Thesis	2	(1,3)
M. S. 42, Military Science	⅔	(0,2)
Electives	5⅓	
	16	

Suggested Electives:

Agr. 31, Fertilizers	2	(2,0)

Suggested Electives:

Ag. Ec. 32, Farm Management	4	(3,3)
Bact. 42, Sanitary Bact.	3	(2,3)
Hort. 52, Com. Pomology	2⅔	(2,2)
M. E. 38, Industrial Engr.	2	(2,0)

SCHOOL OF CHEMISTRY

This course is intended to prepare the student to engage in manufacturing operations involving a knowledge of chemistry, for employment as chemist in commercial fertilizer inspection, or food or feeding-stuff inspection laboratories, and for experiment station work or U. S. Government service. A student who has satisfactorily completed this course will be well equipped in subject matter to teach elementary chemistry, or to pursue advanced work in chemistry.

Beginning with the junior year, sufficient electives are allowed to enable the student to fit himself for one of the fields of work listed above by pursuing the subject in the direction of chemical engineering, organic, physical, analytical or sanitary chemistry. The advances in all branches of chemistry have made specialization necessary, whether the student expects to enter any of the various lines of work open to a graduate of a thorough course in chemistry, or to pursue graduate work. For the latter group, two years of a modern language should be included in the electives chosen since this is a usual prerequisite for graduate work at most universities. Owing to the demand for biochemistry, any students who are interested in such a course may pursue the Chemistry Curriculum and elect biological subjects during the junior and senior years.

CHEMISTRY

Freshman Year

First Semester			*Second Semester*		
Draw. 11, Freehand Drawing	⅔	(0,2)	Draw. 12, Mech. Drawing	⅔	(0,2)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 13, General Chemistry	4	(3,3)	G. Ch. 14, General Chemistry	4	(3,3)
*Math. 11, Trigonometry	5	(5,0)	Math. 12, Analytics	3	(3,0)
M. S. 11, Military Science	1⅓	(1,2)	Math. 14, College Algebra	2	(2,0)
Phys. 11 & 15, General Physics	4	(3,3)	M. S. 12, Military Science	1⅓	(1,2)
			Phys. 12 & 16, General Physics	4	(3,3)
	18⅓			18⅓	

*Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

An. Ch. 21, Qualitative Anal.	4	(2,6)	
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	
Math. 21, The Calculus	5	(5,0)	
M. S. 21, Military Science	1⅔	(1,2)	
*Modern Language	3	(3,0)	
Org. Ch. 21, Organic Chemistry	5	(3,6)	
	20⅔		

An. Ch. 22, Quantitative Anal.	4	(2,6)	
Eng. 22, Lit. and Adv. Comp.	2	(2,0)	
Math. 22, The Calculus	5	(5,0)	
M. S. 22, Military Science	1⅔	(1,2)	
*Modern Language	3	(3,0)	
Org. Ch. 22, Organic Chemistry	5	(3,6)	
	20⅔		

Junior Year

An. Ch. 31, Quantitative Anal.	2	(1,3)	
Econ. 23, Economics	2	(2,0)	
Eng. 31, Public Speaking	2	(2,0)	
Geol. 33, Mineralogy	2⅔	(2,2)	
M. S. 31, Military Science	⅔	(0,2)	
Org. Ch. 31, Adv. Organic Chem.	3	(2,3)	
Ph. Ch. 31, Physical Chemistry	3	(3,0)	
Ph. Ch. 33, Laboratory	2	(0,4)	
	17⅓		

An. Ch. 32, Gas Analysis	2	(1,3)	
Eng. 32, Business Law	2	(2,0)	
Geol. 34, Mineralogy	2⅔	(2,2)	
M. S. 32, Military Science	⅔	(0,2)	
Ph. Ch. 32, Physical Chemistry	3	(3,0)	
Ph. Ch. 34, Laboratory	2	(0,4)	
Soc. 31, Sociology	2	(2,0)	
Electives	4		
	18⅓		

Senior Year

An. Ch. 41, Tech. Analysis	3	(1,6)	
G. Ch. 41, Inorg. Chemistry	2	(2,0)	
G. Ch. 45, History of Chem.	2	(2,0)	
M. S. 41, Military Science	⅔	(0,2)	
Ph. Ch. 41, Colloids	2	(2,0)	
Electives	5⅓		
	15		

An. Ch. 42, Stoichiometry	2	(2,0)	
G. Ch. 42, Inorg. Chemistry	2	(2,0)	
Ind. Ch. 50, Thesis	3	(0,9)	
M. S. 42, Military Science	⅔	(0,2)	
Ph. Ch. 42, Colloids	2	(2,0)	
Electives	5⅓		
	15		

*History 14 and Government 12, 4 hour option—in place of Modern Language.

SCHOOL OF ENGINEERING

The courses in the School of Engineering are Architectural Engineering, Architecture, Chemistry-Engineering, Civil Engineering, Electrical Engineering and Mechanical Engineering. For most students it is recommended that they take, either as part of the free electives or as an addition, some courses in the social sciences.

If a student in Electrical or Mechanical Engineering does outstanding work in his freshman year, he may arrange with the dean of the School of Engineering to take both Electrical and Mechanical Engineering. This is particularly true of the non-R. O. T. C. student. These two courses may be taken in five years, allowing considerable elective work to be taken in General Science, Textile, and possibly some courses in Civil Engineering.

A student in Mechanical Engineering or Electrical Engineering if non-R. O. T. C. is permitted to elect considerable work in the Textile School if he plans his junior and senior years in advance. The R. O. T. C. student may arrange for a half year or one year additional, in which case he may take considerable Textile work provided he decides this by the beginning of the junior year.

ARCHITECTURE

The information given below applies to the four-year course in Architecture as now given. A four-year course in Architectural Engineering is also given. In order to meet the modern trend the College is offering a five-year course in Architecture leading to the degree of Bachelor in Architecture. In this course the technical work of the lower classes is extended and elaborated, the fifth year design comprising a thesis in which the student selects his subject and writes the program to meet the approval of the faculty of Architecture. Work in Domestic Architecture, Specification Writing, Estimating, Chemistry, Surveying, Advanced History, and allied subjects are included. A copy of the curriculum may be secured upon request.

The course is a well-rounded cultural one, fitting the graduate not only for the practice of architecture, but for a number of allied professions. All work is individual and every effort is made to develop the student's individuality, imagination, and creative ability. Skillful draftsmanship and artistic presentation are insisted upon.

Architecture is one of the fine arts and much time is given to freehand drawing, color work, history of architecture, painting, and sculpture. Architectural design, the principal subject, extends through four years. In this the student is given a written program of requirements for a building or group of buildings and under the criticism of the instructor works out a solution embodying his own ideas. Freehand drawing consists of sketching and rendering from casts, nature and life, in pencil,

charcoal, pen and ink, crayons, water color and oils. This extends through four years. History of architecture, historic ornament, and history of art are taught in the sophomore, junior and senior years.

Fundamental courses are given in mathematics, graphic statics, strength of materials, reinforced concrete, building construction, and in working drawings which consist of complete plans and specifications for a building prepared as in the office of a practicing architect.

The work in architecture occupies especially designed quarters on the top floor of Riggs Hall. One feature is a large drafting room equipped with individual drafting tables. This is a marked advantage since all may study their problems in design and have the benefit of mutual help and criticism. Adjoining this room and equipped with controlled lighting, is a studio containing plaster casts and models suitable for the needs in free-hand drawing and color work. Class rooms are equipped with lanterns and slides.

A working library adjoining the drafting rooms contains many volumes concerning architecture and allied subjects, photographs, plans and illustrations, lantern slides, drawings, models, and files of the leading architectural magazines, both American and foreign. This is in addition to the main college library. In the structural drafting room is a complete built-in exhibit of building materials and appliances especially arranged for instructional purposes.

Each spring students are expected to take an educational trip to a large city to study examples of architecture and construction.

Six weeks of practical architectural work approved by the architectural faculty are required for graduation (Arch. 28).

The work in Architectural Engineering is given in the same quarters as Architecture.

ARCHITECTURE

Freshman Year

First Semester			*Second Semester*		
Arch. 11, Elems. of Arch.	1⅔	(0,5)	Arch. 12, Arch. Design	1⅔	(0,5)
Arch. 13, Freehand Drawing	1⅓	(0,4)	Arch. 14, Freehand Drawing	1⅓	(0,4)
Arch. 15, Descrip. Geom.	⅔	(0,2)	Arch. 16, Sh. Shad. & Persp.	⅔	(0,2)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
*Math. 11, Trigonometry	5	(5,0)	Math. 12, Analytics	3	(3,0)
M. S. 11, Military Science	1⅔	(1,2)	Math. 14, College Algebra	2	(2,0)
Phys. 11 & 15, General Physics	4	(3,3)	M. S. 12, Military Science	1⅔	(1,2)
	21⅓		Phys. 12 & 16, General Physics	4	(3,3)
				21⅓	

*Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

Arch. 21, Arch. Design	4⅔	(0,14)	Arch. 22, Arch. Design	4⅔	(0,14)
Arch. 23, Antique and Color	1	(0,3)	Arch. 24, Antique & Color	1	(0,3)
Arch. 25, Hist. of Arch.	4	(4,0)	Arch. 26, Hist. of Arch.	4	(4,0)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
Hist. 31, Hist. of Civiliz.	3	(3,0)	Hist. 32, Hist. of Civiliz.	3	(3,0)
Math. 23, Dif. Calculus	3	(3,0)	Math. 24, Int. Calculus	3	(3,0)
M. S. 21, Military Science	1⅔	(1,2)	M. S. 22, Military Science	1⅔	(1,2)
	19⅓			19⅓	

Junior Year

Arch. 31, Arch. Design	7⅓	(0,22)	Arch. 32, Arch. Design	7⅓	(0,22)
Arch. 33, Cast Drawing	1	(0,3)	Arch. 34, Cast Drawing	1	(0,3)
Arch. 35, Bldg. Constr.	3	(3,0)	Arch. 36, Bldg. Constr.	2	(2,0)
Arch. 37, Working Drawings	⅔	(0,2)	Arch. 38, Working Drawings	⅔	(0,2)
Arch. 39, Hist. Ornament	⅔	(0,2)	C. E. 32, Strength of Materials	3	(3,0)
C. E. 31, Mechanics	3	(3,0)	C. E. 34-A, Graphic Statics	1⅓	(1,2)
Eng. 31, Public Speaking	2	(2,0)	Eng. 32, Business Law	2	(2,0)
M. S. 31, Military Science	⅔	(0,2)	M. S. 32, Military Science	⅔	(0,2)
Elective	2		Electives	2	
	20⅓			20⅓	

Senior Year

Arch. 41, Arch. Design	6⅔	(0,20)	Arch. 40, Life Drawing	⅔	(0,2)
Arch. 43, Bldg. Constr.	3	(3,0)	Arch. 40.5, Hist. of Art	2	(2,0)
Arch. 45, Struct. Design	2	(0,6)	Arch. 42, Arch. Design	6⅔	(0,20)
Arch. 47, Mech. Plant	2	(2,0)	Arch. 44, Bldg. Constr.	3	(3,0)
Arch. 49, Life Drawing	⅔	(0,2)	Arch. 46, Struct. Design	2⅔	(0,8)
C. E. 47, Reinforced Conc.	2	(2,0)	Arch. 48, Profess. Prac.	1	(1,0)
Econ. 23, Economics	2	(2,0)	M. S. 42, Military Science	⅔	(0,2)
M. S. 41, Military Science	⅔	(0,2)	Soc. 31, Sociology	2	(2,0)
Elective	2		Elective	2	
	21			20⅔	

ARCHITECTURAL ENGINEERING*

The course in Architectural Engineering was first offered in 1942-1943. The curriculum in Architectural Engineering for the freshman, sophomore, and junior years is the same as that in Architecture. The curriculum followed for the senior year in 1942-1943 is given below.

Senior Year

First Semester		*Second Semester*	
Arch. 41, Arch. Design ____6⅔	(0,20)	Arch. 40, Life Drawing ____ ⅔	(0,2)
Arch. 43, Bldg. Constr. ____3	(3,0)	Arch. 40.5, Hist. of Art ____2	(2,0)
Arch. 45, Struct. Design ____2	(0,6)	Arch. 44, Bldg. Constr. ____3	(3,0)
Arch. 47, Mech. Plant ____2	(2,0)	Arch. 46, Struct. Design ____2⅔	(0,8)
Arch. 49, Life Drawing ____ ⅔	(0,2)	Arch. 48, Profess. Prac. ____1	(1,0)
C. E. 45, Reinforced Conc. __3	(2,3)	C. E. 23, Surveying ____1	(1,0)
Econ. 23, Economics ____2	(2,0)	C. E. 23a, Field & Office Work ⅔	(0,2)
M. S. 41, Military Science __ ⅔	(0,2)	M. S. 42, Military Science ___ ⅔	(0,2)
20		Soc. 31, Sociology ____2	(2,0)
		Electives ____4	
		17⅔	

CHEMISTRY-ENGINEERING

This course combines a well-rounded course in chemistry with fundamental courses in physics, mechanics, and engineering subjects with a view of training men for work in the chemical industries or industries in which both chemistry and engineering knowledge is necessary. The industries are more and more abandoning rule-of-thumb methods and are using men with a knowledge both of chemistry and engineering to design their plans and supervise the operation of various processes. An engineering knowledge is required in solving the engineering problems which arise in connection with the chemical industry or chemical processes. Economical production, as well as the turning out of a good product, naturally requires an interest in discovering where losses occur; in developing uses for by-products; and in recovering and utilizing waste products.

It is hardly possible in a four-year course to cover well this field both in chemistry and in engineering. The course offered leads to a B.S. degree and is not claimed to be a course in Chemical Engineering, though the graduates are qualified for

*This curriculum is subject to change.

employment as chemists in manufacturing plants, in industrial research, and in many other fields. Their training makes it possible for them to obtain a Chemical Engineering degree in a minimum of time.

CHEMISTRY-ENGINEERING

Freshman Year

First Semester		*Second Semester*	
Draw. 13, Engr. Drawing	1⅓ (0,4)	Draw. 14, Engr. Drawing	1⅓ (0,4)
Eng. 15, Comp. and Lit.	3 (3,0)	Eng. 16, Comp. and Lit.	3 (3,0)
G. Ch. 13, General Chemistry	4 (3,3)	G. Ch. 14, General Chemistry	4 (3,3)
*Hist. 14, Amer. Econ. Hist.	2 (2,0)	*Gov. 12, Amer. Nat'l. Gov't.	2 (2,0)
**Math. 11, Trigonometry	5 (5,0)	Math. 12, Analytics	3 (3,0)
M. E. 17, or M. E. 12, Shop	2 (0,6)	Math. 14, College Algebra	2 (2,0)
M. S. 11, Military Science	1⅔ (1,2)	M. E. 12, or M. E. 17, Shop	2 (0,6)
	19	M. S. 12, Military Science	1⅔ (1,2)
			19

*Modern language 3 hr. option.
**Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

An. Ch. 21, Qualitative Anal.	4 (2,6)	An. Ch. 22, Quantitative Anal.	4 (2,6)
Draw. 25, Des. & Kin. Drawing	1⅓ (0,4)	Eng. 22, Lit. and Adv. Comp.	2 (2,0)
Eng. 21, Lit. and Adv. Comp.	2 (2,0)	Math. 22, The Calculus	5 (5,0)
Math. 21, The Calculus	5 (5,0)	M. S. 22, Military Science	1⅔ (1,2)
M. S. 21, Military Science	1⅔ (1,2)	Phys. 22 & 24, General Physics	5 (4,3)
Phys. 21, & 23, General Physics	5 (4,3)		17⅔
	19		

Junior Year

An. Ch. 31, Quantitative Anal.	2 (1,3)	C. E. 32, Strength of Mat.	3 (3,0)
C. E. 31, Mechanics	3 (3,0)	Draw. 32, Mach. Des.	1 (0,3)
Draw. 31, Kin. & Mach. Design	1 (0,3)	Eng. 32, Business Law	2 (2,0)
Eng. 31, Public Speaking	2 (2,0)	M. E. 23, Mach. Shop	2 (0,6)
M. E. 35, Power Plants	3 (3,0)	M. E. 36, Thermodynamics	3 (3,0)
M. S. 31, Military Science	⅔ (0,2)	M. E. 36a, Mech. Lab.	1 (0,3)
Org. Ch. 21, Organic Chemistry	5 (3,6)	M. S. 32, Military Science	⅔ (0,2)
Elective	2	Org. Ch. 22, Organic Chemistry	5 (3,6)
	18⅔	Elective	2
			19⅔

Senior Year

Econ. 23, Economics	2 (2,0)	E. E. 35, Elec. Mach.	3 (3,0)
Geol. 33, Mineralogy	2⅔ (2,2)	E. E. 35a, Elec. Laboratory	⅔ (0,2)
Ind. Ch. 41, Industrial Chem.	2 (2,0)	Geol. 34, Mineralogy	2⅔ (2,2)
M. S. 41, Military Science	⅔ (0,2)	Ind. Ch. 42, Industrial Chem.	2 (2,0)
Org. Ch. 31, Adv. Organic Chem.	3 (2,3)	M. S. 42, Military Science	⅔ (0,2)
Ph. Ch. 31, Physical Chemistry	3 (3,0)	Ph. Ch. 32, Physical Chemistry	3 (3,0)
Ph. Ch. 33, Laboratory	2 (0,4)	Ph. Ch. 34, Laboratory	2 (0,4)
Elective	4	Elective	4
	19⅓		18

CIVIL ENGINEERING

This course is intended to prepare young men for entrance upon professional practice in civil engineering, and also to meet the needs of those who, having been engaged in engineering work without a course of instruction, desire to equip themselves for successful competition with those who have had such instruction.

In connection with the technical studies, liberal training is given in English, history, economics, pure mathematics, and the physical sciences. The course also embraces a considerable amount of drawing, shop work, and short courses in electrical engineering and mechanical engineering.

The distinctive work pursued by students in this course includes the field and office work of surveying and leveling; topographic surveying and drafting; the location and construction of railroads and highways, bridges, and other related structures; investigation of the strength of the materials of construction and the theories involved in their use; masonry construction; foundations on land and under water; a particular study of highway engineering, including a laboratory course covering all the standard tests of highway material, both bituminous and non-bituminous; municipal and sanitary engineering, including the study of bacteriology, water-supply, sewerage and drainage; and a brief study of engineering law relating to contracts and specifications. Actual design, as well as analytic investigation, is given in all cases.

A summer surveying camp of two-weeks' duration is required between the sophomore and junior years. This requirement has been temporarily waived because of war conditions.

CIVIL ENGINEERING

Freshman Year

First Semester			*Second Semester*		
Draw. 13, Engr. Drawing	1⅓	(0,4)	Draw. 14, Engr. Drawing	1⅓	(0,4)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	*Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
*Hist. 14, Amer. Econ. Hist.	2	(2,0)	G. Ch. 12, General Chemistry	4	(3,3)
**Math. 11, Trigonometry	5	(5,0)	Math. 12, Analytics	3	(3,0)
M. E. 17, or M. E. 12, Shop	2	(0,6)	Math. 14, College Algebra	2	(2,0)
M. S. 11, Military Science	1⅔	(1,2)	M. E. 12, or M. E. 17, Shop	2	(0,6)
	19		M. S. 12, Military Science	1⅔	(1,2)
				19	

*Modern Language 3 Hr. Option.
**Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

C. E. 21, Surveying	2	(2,0)	C. E. 22, Surveying	3	(3,0)
C. E. 21a, Field & Office Work	1	(0,3)	C. E. 22a, Field & Office Work	⅔	(0,2)
Draw. 28, Structural Drawing	1⅓	(0,4)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
Econ. 23, Economics	2	(2,0)	Math. 22, The Calculus	5	(5,0)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	M. S. 22, Military Science	1⅔	(1,2)
Math. 21, The Calculus	5	(5,0)	Phys. 22 & 24, General Physics	5	(4,3)
M. S. 21, Military Science	1⅔	(1,2)	*Elective	2	
Phys. 21 & 23, General Physics	5	(4,3)		19⅓	
	20				

*Suggest consultation with head of Department.

Junior Year

C. E. 31, Mechanics	3	(3,0)	C. E. 32, Mech. of Matr.	3	(3,0)
C. E. 35, Route Surveying	3	(3,0)	C. E. 34, Graphic Statics	1⅓	(1,2)
C. E. 37, Structural Stresses	1⅓	(0,4)	C. E. 36, Roads & Pavements	4	(3,3)
Eng. 31, Public Speaking	2	(2,0)	C. E. 38, Structural Design	2	(0,6)
M. E. 33, Mech. Engr.	3	(3,0)	E. E. 35, Elec. Mach.	3	(3,0)
M. E. 33a, Mech. Lab.	⅔	(0,2)	E. E. 35a, Elec. Lab.	⅔	(0,2)
M. S. 31, Military Science	⅔	(0,2)	M. S. 32, Military Science	⅔	(0,2)
*Elective	4		*Elective	2	
	17⅔			17	

*Suggested elective: Physics 32, Astronomy (2,0) 2 cr.

Senior Year

C. E. 41, Structural Design	3	(2,3)	Bact. 42, Sanitary Bact.	3	(2,3)
C. E. 43, Mat. Test. Lab.	1	(0,3)	C. E. 42, Structural Design	4	(2,6)
C. E. 43.5, Foundations	2	(2,0)	C. E. 44, Mat. Test. Lab.	1	(0,3)
C. E. 45, Reinf. Concrete	3	(2,3)	C. E. 46, Mun. and San. Engr.	5	(5,0)
C. E. 49, Hydraulics	3	(3,0)	Eng. 32, Business Law	2	(2,0)
Geol. 43, Engr. Geology	2	(2,0)	M. S. 42, Military Science	⅔	(0,2)
M. E. 42a, Hydro. & Mat. Lab.	⅔	(0,2)	Elective	2	
M. S. 41, Military Science	⅔	(0,2)		17⅔	
Elective	2				
	17⅓				

ELECTRICAL ENGINEERING

Engineering deals fundamentally with the control of the energies of nature. Electrical engineering is that branch of engineering which embraces the conversion of primary energy into electrical form, the transmission and the application of this energy to innumerable devices designed for human service. Some of the more notable applications are: domestic appliances, illumination, transportation, communication, and industry motorization.

The curriculum for students in electrical engineering contains a selected series of fundamental studies which enable the student to enter any division of the field of electrical engineering.

The first two years are devoted largely to basic sciences and other subjects prerequisite to the general field of engineering. The work of the last two years is more specialized and embraces those technical courses which are pertinent to electrical engineering.

To satisfy individual interests and needs a certain amount of free election of courses is provided during the four years.

The theoretical courses in science and engineering are paralleled and reinforced by strong laboratory courses through which the student may make his own determinations of the characteristics of engineering materials and machines. The laboratories are well equipped for this work.

The entire course is directed toward the development of initiative and self-reliance, so that the student may enter his chosen field with reasonable hope of usefulness and success.

ELECTRICAL ENGINEERING

Freshman Year

First Semester			*Second Semester*		
Draw. 13. Engr. Drawing	1⅓	(0,4)	Draw. 14, Engr. Drawing	1⅓	(0,4)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
*Hist 14, Amer. Econ. Hist.	2	(2,0)	*Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
**Math. 11, Trigonometry	5	(5,0)	Math. 12, Analytics	3	(3,0)
M. E. 17, or M. E. 12, Shop	2	(0,6)	Math. 14, College Algebra	2	(2,0)
M. S. 11, Military Science	1⅔	(1,2)	M. E. 12, or M. E. 17, Shop	2	(0,6)
	19		M. S. 12, Military Science	1⅔	(1,2)
				19	

*Modern Language 3 Hr. Option.
**Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

C. E. 23, Surveying	1	(1,0)	E. E. 22, Electric Circuits	2⅔	(2,2)
C. E. 23a, Field & Office Work	⅔	(0,2)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
Draw. 25, Des. & Kin. Drawing	1⅓	(0,4)	Math. 28, The Calculus	3	(3,0)
Econ. 23, Economics	2	(2,0)	Math. 32, Diff. Equa.	2	(2,0)
E. E. 25, Engr. Problems	⅔	(0,2)	M. E. 23, Mach. Shop	2	(0,6)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	M. S. 22, Military Science	1⅔	(1,2)
Math. 27, The Calculus	5	(5,0)	Phys. 22 & 24, General Physics	5	(4,3)
M. S. 21, Military Science	1⅔	(1,2)		18⅓	
Phys. 21 & 23, General Physics	5	(4,3)			
	19⅓				

Junior Year

Draw. 31, Kin. & Mach. Design	1	(0,3)	Draw. 32, Mach. Design	1	(0,3)
E. E. 31, D. C. Machinery	5	(5,0)	E. E. 32, A. C. Circuits	5	(5,0)
E. E. 31a, Elec. Lab.	2	(1,3)	E. E. 32a, Elec. Lab.	2	(1,3)
Eng. 31, Public Speaking	2	(2,0)	M. E. 32, Mechanics	3	(3,0)
M. E. 31, Mechanics	3	(3,0)	M. E. 36, Thermodynamics	3	(3,0)
M. E. 35, Power Plants	3	(3,0)	M. E. 36b, Mech. Lab.	1	(0,3)
M. S. 31, Military Science	⅔	(0,2)	M. S. 32, Military Science	⅔	(0,2)
Elective	2		Elective	4	
	18⅔			19⅔	

Senior Year

E. E. 41, A. C. Mach.	5	(5,0)	E. E. 42, A. C. Machinery	3	(3,0)
E. E. 41a, Elec. Lab.	2	(1,3)	E. E. 42a, Elec. Lab.	2	(1,3)
E. E. 45, Elec. Design	1	(0,3)	*E. E. 44, Power Trans.	3	(3,0)
E. E. 47, Electronics	2	(2,0)	E. E. 46, Elec. Design	1	(0,3)
M. E. 41, Power Plants	2	(2,0)	Eng. 32, Business Law	2	(2,0)
M. E. 41a, P. Plants Lab.	1	(0,3)	M. E. 42.5, Hydraulics	2	(2,0)
M. E. 49, Mech. of Materials	3	(3,0)	M. S. 42, Military Science	⅔	(0,2)
M. S. 41, Military Science	⅔	0,2)	Elective	4	
Elective	2				
	18⅔			17⅔	

*E. E. 48, Radio Communication, may be elected in place of E. E. 44.

MECHANICAL ENGINEERING

The course in mechanical engineering is designed to give the graduate as broad training as possible and to fit him for some specific type of work.

It embraces practically all forms of engineering which have for their objects the application of the forces of nature to the accomplishment of the processes of industry. The course is designed to give an intimate knowledge of the materials used in engineering, the laws of mechanics, and the characteristics of various types of machinery.

The shop courses embrace wood work, forge work, foundry and machine work. The purpose of this instruction is not to turn out skilled workmen but to train those faculties of mind which may best be reached through the work of the hand, and to give the student a clear knowledge of the characteristics and possibilities of the materials used in engineering.

Considerable time is given to the study of the laws of the physical sciences, in such subjects as physics, chemistry, mechanics, electricity and magnetism, and thermodynamics.

During the fourth year stress is laid on the application of the fundamental principles already covered so that the graduate may be able to design or manage those types of machines which ordinarily come under the supervision of the mechanical engineer.

The mechanical engineer should have a liberal education; therefore, in addition to the regular technical work, training is given in English, history, economics, civics, and related subjects.

MECHANICAL ENGINEERING

Freshman Year

First Semester			*Second Semester*		
Draw. 13, Engr. Drawing	1⅓	(0,4)	Draw. 14, Engr. Drawing	1⅓	(0,4)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
*Hist. 14, Amer. Econ. Hist.	2	(2,0)	*Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
**Math. 11, Trigonometry	5	(5,0)	Math. 12, Analytics	3	(3,0)
M. E. 17, or M. E. 12, Shop	2	(0,6)	Math. 14, College Alegbra	2	(2,0)
M. S. 11, Military Science	1⅔	(1,2)	M. E. 12, or M. E. 17, Shop	2	(0,6)
	19		M. S. 12, Military Science	1⅔	(1,2)
				19	

*Modern Language 3 Hr. Option.
**Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

Econ. 23, Economics	2	(2,0)	C. E. 23, Surveying	1	(1.0)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	C. E. 23a, Field & Office Work	⅔	(0,2)
Math. 21, The Calculus	5	(5,0)	Draw. 25, Des. & Kin. Drawing	1⅓	(0,4)
M. E. 23, Mach. Shop	2	(0,6)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
M. E. 25, Engr. Problems	1	(0,3)	Math. 22, The Calculus	5	(5,0)
M. S. 21, Military Science	1⅔	(1,2)	M. E. 26, Engr. Problems	1	(0,3)
Phys. 21 & 23, General Physics	5	(4,3)	M. S. 22, Military Science	1⅔	(1,2)
	18⅔		Phys. 22 & 24, General Physics	5	(4,3)
				17⅔	

Junior Year

Draw. 31, Kin. & Mach. Des.	1	(0,3)	Draw. 32, Mach. Design	1	(0,3)
E. E. 33, D. C. Machinery	4	(4,0)	E. E. 34, A. C. Circuits	4	(4,0)
E. E. 33a, Elec. Lab.	1	(0,3)	E. E. 34a, Elec. Lab.	1	(0,3)
Eng. 31, Public Speaking	2	(2,0)	M. E. 32, Mechanics	3	(3,0)
M. E. 31, Mechanics	3	(3,0)	M. E. 36, Thermodynamics	3	(3,0)
M. E. 35, Power Plants	3	(3,0)	M. E. 36a, Mech. Lab.	1	(0,3)
M. E. 35a, Mech. Lab.	1	(0,3)	M. E. 38, Industrial Engr.	2	(2,0)
M. S. 31, Military Science	⅔	(0,2)	M. S. 32, Military Science	⅔	(0,2)
Elective	2		Elective	2	
	17⅔			17⅔	

Senior Year

E. E. 43, A. C. Machinery	3	(3,0)	Eng. 32, Business Law	2	(2,0)
E. E. 43a, Elec. Lab.	1	(0,3)	M. E. 42, Hydraulics	3	(3,0)
M. E. 43, Power Plants	3	(3,0)	M. E. 42a, Hydraulics Lab.	⅔	(0,2)
M. E. 43a, P. Plants Lab.	2	(1,3)	M. E. 44, Power Plants	3	(3,0)
*M. E. 45, Gas Engines	2	(2,0)	M. E. 44a, P. Plants Lab.	2	(1,3)
*M. E. 45a, Design	1	(0,3)	*M. E. 46, Steam Turbines	2	(2,0)
M. E. 49, Mech. of Materials	3	(3,0)	*M. E. 46a, Design	1	(0,3)
M. S. 41, Military Science	⅔	(0,2)	M. S. 42, Military Science	⅔	(0,2)
Elective	4		**Elective	4	
	19⅔			18⅓	
*M. E. 47, Heat and Vent.	2	(2,0)	*M. E. 48, Heat and Vent.	2	(2,0)
*M. E. 47a, Design	1	(0,3)	*M E. 48a, Design	1	(0,3)

*M. E. 47, 47a, 48, 48a are optional in place of M. E. 45, 45a, 46, 46a.
**Two credit hours of electives must be approved by head of Department.

ELECTRICAL AND MECHANICAL ENGINEERING

Special War-Time Curriculum

Freshman Year

(Same as regular curriculum. See page 86, 88, or 90.)

Sophomore Year

(Same as Mechanical Engineering curriculum. See page 90.)

Junior Year

First Semester			*Second Semester*		
Draw. 31, Kin. & Mach. Des.	1	(0,3)	Draw. 32, Mach. Design	1	(0,3)
E. E. 31a, Elec. Lab.	2	(1,3)	E. E. 32a, Elec. Lab.	2	(1,3)
E. E. 33, D. C. Machinery	4	(4,0)	E. E. 34, A. C. Circuits	4	(4,0)
Eng. 31, Public Speaking	2	(2,0)	Eng. 32, Business Law	2	(2,0)
M. E. 31, Mechanics	3	(3,0)	M. E. 32, Mechanics	3	(3,0)
M. E. 35, Power Plants	3	(3,0)	M. E. 36, Thermodynamics	3	(3,0)
M. E. 35a, Mech. Lab.	1	(0,3)	M. E. 36a, Mech. Lab.	1	(0,3)
M. S. 31, Military Science	⅔	(0,2)	M. S. 32, Military Science	⅔	(0,2)
Electives	2		Electives	2	
	18⅔			18⅔	

Senior Year (Electrical)

E. E. 41a, Elec. Lab.	2	(1,3)	E. E. 42, A. C. Machinery	5	(5,0)
E. E. 43, A. C. Machinery	3	(3,0)	E. E. 42a, Elec. Lab.	2	(1,3)
E. E. 48, Radio Com.	4	(3,3)	E. E. 46, Elec. Design	1	(0,3)
M. E. 43, Power Plants	3	(3,0)	M. E. 42, Hydraulics	3	(3,0)
M. E. 43a, P. Plants Lab.	2	(1,3)	M. E. 49, Mech. of Materials	3	(3,0)
M. E. 45, Gas Engines	2	(2,0)	M. S. 42, Military Science	⅔	(0,2)
M. S. 41, Military Science	⅔	(0,2)	Electives	4	
Electives	2			18⅔	
	18⅔				

Senior Year (Mechanical)

E. E. 41a, Elec. Lab.	2	(1,3)	M. E. 42, Hydraulics	3	(3,0)
E. E. 43, A. C. Machinery	3	(3,0)	M. E. 42a, Hydraulics Lab.	⅔	(0,2)
E. E. 48, Radio Com.	4	(3,3)	M. E. 44, Power Plants	3	(3,0)
M. E. 43, Power Plants	3	(3,0)	M. E. 44a, P. Plants Lab.	2	(1,3)
M. E. 43a, P. Plants Lab.	2	(1,3)	M. E. 46, Steam Turbines	2	(2,0)
M. E. 45, Gas Engines	2	(2,0)	M. E. 46a, Design	1	(0,3)
M. S. 41, Military Science	⅔	(0,2)	M. E. 49, Mech. of Materials	3	(3,0)
Electives	2		M. S. 42, Military Science	⅔	(0,2)
	18⅔		Electives	2	
				17⅓	

SCHOOL OF GENERAL SCIENCE

The School of General Science offers four-year courses in General Science, in Pre-Medicine, and in Industrial Physics. The course in General Science is planned to meet the needs of students desiring general training in the sciences. It is recommended for men preparing themselves for the professions and it is also available for capable men who find themselves unsuited for technical and vocational courses. The courses in Pre-Medicine and Industrial Physics are described on pages 93 and 95.

GENERAL SCIENCE

Freshman Year

First Semester			*Second Semester*		
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
Hist. 14, Amer. Econ. Hist.	2	(2,0)	Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
*Math. 11, Trigonometry	5	(5,0)	Math. 12, Analytics	3	(3,0)
M. S. 11, Military Science	1⅔	(1,2)	Math. 14, College Algebra	2	(2,0)
Modern Language	3	(3,0)	M. S. 12, Military Science	1⅔	(1,2)
	18⅔		Modern Language	3	(3,0)
				18⅔	

*Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

Eng. 21, Lit. and Adv. Comp.	2	(2,0)	Bot. 15, General Botany	4	(3,3)
Math. 21, The Calculus	5	(5,0)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
M. S. 21, Military Science	1⅔	(1,2)	Math. 22, The Calculus	5	(5,0)
Modern Language (Cont.)	3	(3,0)	M. S. 22, Military Science	1⅔	(1,2)
Phys. 11 & 15, General Physics	4	(3,3)	Modern Language (Cont.)	3	(3,0)
Zool. 15, General Zoology	4	(3,3)	Phys. 12 & 16, General Physics	4	(3,3)
	19⅔			19⅔	

Junior Year

Eng. 31, Public Speaking	2	(2,0)	Eng. 32, Business Law	2	(2,0)
Geol. 23, General Geology	3	(3,0)	Hist. 32, Hist. of Civiliz.	3	(3,0)
Hist. 31, Hist. of Civiliz.	3	(3,0)	M. S. 32, Military Science	⅔	(0,2)
M. S. 31, Military Science	⅔	(0,2)	Natural Science	3	(3,0)
Psych. 35, Psychology	3	(3,0)	Psych. 36, Psychology	3	(3,0)
Approved Elective	3		Approved Elective	3	
Free Elective	3		Free Elective	3	
	17⅔			17⅔	

Senior Year

Econ. 23, Economics	2	(2,0)	Econ. 24, Economics	2	(2,0)
Eng. 50, Thesis	⅔	(0,2)	M. S. 42, Military Science	⅔	(0,2)
M. S. 41, Military Science	⅔	(0,2)	Soc. 31, Sociology	2	(2,0)
Approved Elective	9		Approved Elective	9	
Free Elective	5		Free Elective	3	
	17⅓			16⅔	

Approved Electives: Approved electives shall consist of those courses offered in the School of General Science and such other courses as are approved by a committee consisting of the Dean and class advisers of the School of General Science.

Additional Requirements

Modern Language. For graduation in this course at least the second year of one foreign language must be completed in college.

Electives. Of the minimum of one hundred and forty-six semester credit hours required for graduation, not more than fourteen may be free electives. All other courses selected by the student must be from the list of approved electives. The approved electives must include at least eight hours, exclusive of required courses, in one of the following: economics and government and history, English, modern languages, or sociology and psychology.

Majors and Minors. For graduation in this course a major of at least twenty semester hours and a minor of at least fourteen semester hours must be completed, respectively, in two of the following fields: economics and government and history, English, mathematics, modern language, physics, and sociology and psychology. The credit hours which constitute the major and minor, respectively, may include the required subjects, approved electives, and the eight-hour requirements outlined above.

PRE-MEDICAL COURSE

The course in Pre-Medicine is designed to meet the general entrance requirements of standard medical colleges. Since, however, requirements for entrance to various medical schools are not uniform, the student before choosing his electives should consult the specific requirements of the medical college of his preference.

Those preparing for the study of medicine are advised to complete four years of undergraduate work before entering a medical school. Clemson College, however, will award the degree of Bachelor of Science in Pre-Medicine to a student who, after completing all requirements of the first three years of the Pre-Medical Course, is graduated from a medical college approved by the American Medical Association, provided that during his three years at Clemson he has elected and received credit for Economics 23 and 24 and for Sociology 31.

PRE-MEDICINE

Freshman Year

(Same as General Science. See page 92.)

Sophomore Year

First Semester		*Second Semester*	
Draw. 11, Freehand Drawing	(0,2)	Bot. 15, General Botany 4	(3,3)
Eng. 21, Lit. and Adv. Comp. 2	(2,0)	Eng. 22, Lit. and Adv. Comp. 2	(2,0)
Math. 23, Dif. Calculus 3	(3,0)	Math. 24, Int. Calculus 3	(3,0)
M. S. 21, Military Science 1⅔	(1,2)	M. S. 22, Military Science 1⅔	(1,2)
Modern Language (Cont.) 3	(3,0)	Modern Language (Cont.) 3	(3,0)
Org. Ch. 21, Organic Chem. 5	(3,6)	Org. Ch. 22, Organic Chem. 5	(3,6)
Zool. 15, General Zoology 4	(3,3)		
19⅓		18⅔	

Junior Year

An. Ch. 23, Qualitative Anal. 3	(2,3)	An. Ch. 24, Quantitative Anal. 3	(2,3)
Eng. 31, Public Speaking 2	(2,0)	Eng. 32, Business Law 2	(2,0)
Hist. 31, Hist. of Civiliz. 3	(3,0)	Hist. 32, Hist. of Civiliz. 3	(3,0)
M. S. 31, Military Science ⅔	(0,2)	M. S. 32, Military Science ⅔	(0,2)
Phys. 11 & 15, General Physics 4	(3,3)	Phys. 12 & 16, General Physics 4	(3,3)
Psych. 35, Psychology 3	(3,0)	Psych. 36, Psychology 3	(3,0)
*Elective 2		*Elective 2	
17⅔		17⅔	

Senior Year

Bact. 31, or Approved Elective 4	(3,3)	Econ. 24, Economics 2	(2,0)
Econ. 23, Economics 2	(2,0)	M. S. 42, Military Science ⅔	(0,2)
M. S. 41, Military Science ⅔	(0,2)	Ph. Ch. 32, or Approved Elect. 3	(3,0)
Ph. Ch. 31, or Approved Elect. 3	(3,0)	Zool. 34, or Approved Elect. 2⅔	(2,2)
Soc. 31, Sociology 2	(2,0)	Approved Elective 2	
Zool. 33, Adv. Zoology 2⅔	(2,2)	*Elective 7⅔	
Approved Elective 2		18	
*Elective 2⅓			
18⅔			

*Of all elective courses not more than fourteen hours may be free elective. All other courses selected by the student must be from the list of General Science approved electives.

INDUSTRIAL PHYSICS COURSE

Nation-wide studies have shown that during the last decade there has been a growing need for more physicists than have been graduated. To aid in supplying this demand Clemson offers an Industrial Physics major primarily for those students who, after starting at Clemson, find that they are especially interested in physics and wish to take a more theoretical course than those of the Engineering School. Many of the courses for the students choosing this major are selected from those of the Department of Mathematics and the Schools of Chemistry and Engineering.

The minimum of one hundred forty-five semester credit hours required for graduation includes a major of thirty hours in physics and two minors of twenty hours each in mathematics, in chemistry, or in engineering courses approved by the Physics Department Staff and the General Science Committee on Electives.

Students graduating with this major will be well prepared to take the numerous fellowships available for graduate study or to take the many positions open to physicists in modern industry.

INDUSTRIAL PHYSICS

Freshman Year

First Semester			*Second Semester*		
Draw. 13, Engr. Drawing	1⅓	(0,4)	Draw. 14, Engr. Drawing	1⅓	(0,4)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
*Hist. 14, Amer. Econ. Hist.	2	(2,0)	*Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
**Math. 11, Trigonometry	5	(5,0)	Math. 12, Analytics	3	(3,0)
M. E. 17, or M. E. 12, Shop	2	(0,6)	Math. 14, College Algebra	2	(2,0)
M. S. 11, Military Science	1⅔	(1,2)	M. E. 12, or M. E. 17, Shop	2	(0,6)
	19		M. S. 12, Military Science	1⅔	(1,2)
				19	

*Modern Language 3 Hr. Option.
**Prerequisite: Math 13, or a passing grade on placement examination.

Sophomore Year

An. Ch. 21, Qualitative Anal.	4	(2,6)	An. Ch. 22, Quantitative Anal.	4	(2,6)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
Math. 21, The Calculus	5	(5,0)	Math. 22, The Calculus	5	(5,0)
M. E. 23, Mach. Shop	2	(0,6)	M. S. 22, Military Science	1⅔	(1,2)
M. S. 21, Military Science	1⅔	(1,2)	Phys. 22 & 24, General Physics	5	(4,3)
Phys. 21 & 23, General Physics	5	(4,3)	or Phys. 12 & 16	4	(3,3)
or Phys. 11 & 15	4	(3,3)	Elective	2	
	18⅔ or 19⅔			18⅔ or 19⅔	

Junior Year

E. E. 33 & 33a, D. C. Machinery	5	(4,3)
or Org. Ch. 21, Organic Chem.	5	(3,6)
Eng. 31, Public Speaking	2	(2,0)
M. S. 31, Military Science	⅔	(0,2)
Phys. 33, Sound & Acoustics	2	(2,0)
*Phys. 35, Mech. & Prop. of Matter	2	(2,0)
*Phys. 35a, Exp. Physics	3	(1,6)
Electives	3	
	17⅔	

E. E. 34 & 34a, A. C. Circuits	5	(4,3)
or Org. Ch. 22, Organic Chem.	5	(3,6)
M. S. 32, Military Science	⅔	(0,2)
Phys. 32, Astronomy	2	(2,0)
*Phys. 36, Light	2	(2,0)
*Phys. 36a, Exp. Physics	3	(1,6)
Electives	5	
	17⅔	

Senior Year

E. E. 43 & 43a, A. C. Mach.	4	(3,3)
or Ph. Ch. 31 & 33, Phys. Chem.	5	(3,4)
M. S. 41, Military Science	⅔	(0,2)
Phys. 31, Intro. Mod. Physics	3	(3,0)
*Phys. 37, Elect. & Mag.	2	(2,0)
*Phys. 37a, Exp. Elect.	3	(1,6)
Electives	4	
	16⅔ or 17⅔	
Suggested Electives:		
C. E. 49, Hydraulics	3	(3,0)
E. E. 47, Electronics	2	(2,0)
G. Ch. 41, Inorganic Chemistry	2	(2,0)
Ind. Ch. 41, Industrial Chem.	2	(2,0)
M. E. 49, Mech. of Materials	3	(3,0)

E. E. (as approved)	5	
or Ph. Ch. 32 & 34, Phys. Chem.	5	(3,4)
M. S. 42, Military Science	⅔	(0,2)
*Phys. 34, Heat	2	(2,0)
*Phys. 34a, Exp. Heat	3	(1,6)
Phys. 42, At. & Nucl. Physics	3	(3,0)
Electives	4	
	17⅔	
Suggested Electives:		
E. E. 48, Radio Communication	5	(4,3)
E. E. 54, Illumination	2	(2,0)
Eng. 46, Business English	2	(2,0)
G. Ch. 42, Inorganic Chemistry	2	(2,0)
Ind. Ch. 42, Industrial Chem.	2	(2,0)

*May be given in alternate years.

SCHOOL OF TEXTILES

Three fourths of the active cotton spindles in the United States are in operation in the South. This activity in textiles in the cotton growing states has brought about a greatly increased demand for men especially trained in the different branches of the textile industry. To meet this demand, the Clemson Textile School has so organized its curriculum as to offer special training in four main departments: (1) Carding and Spinning, (2) Weaving and Designing, (3) Textile Chemistry and Dyeing, and (4) Textile Management.

Courses in the Carding and Spinning Department deal with the various manufacturing processes by which cotton in the bale becomes yarn suitable for weaving, knitting, dyeing, and mercerizing. The Department of Weaving and Designing deals with the principles of weaving and the design and construction of various

types of fabric with respect to design, color, appearance and draping qualities. The Department of Textile Chemistry and Dyeing presents the fundamentals of chemistry and dyeing with reference to textiles made of various fibers such as cotton, rayon, and wool. The courses offered in the Department of Textile Management deal with such subjects as cost finding, textile management, textile research and testing, and textile organization and personnel problems.

Students may major either in textile engineering or in textile chemistry and dyeing. For more complete information on these majors, see the following pages.

Throughout the four years, the theory taught is supplemented by practical work with regular textile equipment in the College plant. This is done with the view of combining theory and practice and developing in the student habits of accurate observation and some skill in manipulation of the machines involved. In this work special consideration is given to economy of time, precision of results, and attention to details, as well as to methods of fundamental importance.

Students in the School of Textiles are encouraged to work in the industry during their vacation periods in order to get the practical mill experience which is necessary for advancement in the industry. This practical experience assists the student in understanding the theory underlying the manufacturing practices.

The textile course in its entirety has been cooperatively developed by men who have had not only textile training but practical experience in the industry in their respective fields. This textile course so equips the graduate that he may confidently look forward to a successful career, provided he supplements his training with the necessary energy, application, and tact.

TEXTILE ENGINEERING

The course in textile engineering is designed to give the student sound training, both theoretical and practical, in the sciences upon which manufacturing processes are based. It is a well-rounded course in that the strictly textile subjects are supplemented by related fundamental engineering subjects as well as by subjects of general educational value. (See SCHOOL OF TEXTILES for additional information.) All courses in yarn manufacturing for freshmen, sophomores, and juniors are offered both semesters. During the senior year certain options will be offered to those wishing to specialize in the weaving and designing of fabrics.

TEXTILE ENGINEERING

Freshman Year

First Semester			*Second Semester*		
Draw. 13, Engr. Drawing	1⅓	(0,4)	Draw. 14, Engr. Drawing	1⅓	(0,4)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
Hist. 14, Amer. Econ. Hist.	2	(2,0)	Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
*Math. 11, Trigonometry	5	(5,0)	Math. 12, Analytics	3	(3,0)
M. S. 11, Military Science	1⅔	(1,2)	Math. 14, College Algebra	2	(2,0)
**Y. M. 11, Textiles	1⅓	(1,2)	M. S. 12, Military Science	1⅔	(1,2)
			**W. D. 12, Textiles	1⅓	(1,2)
	18⅓			18⅓	

*Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

Econ. 23, Economics	2	(2,0)	Econ. 24, Economics	2	(2,0)
Eng. 21, Lit. & Adv. Comp.	2	(2,0)	Eng. 22, Lit. & Adv. Comp.	2	(2,0)
M. S. 21, Military Science	1⅔	(1,2)	M. S. 22, Military Science	1⅔	(1,2)
Phys. 11 & 15, Gen. Physics	4	(3,3)	Phys. 12 & 16, Gen. Physics	4	(3,3)
or ***Phys. 21 & 23	5	(4,3)	or *** Phys. 22 & 24	5	(4,3)
W. D. 21, Elem. Design	2⅔	(2,2)	W. D. 22, Adv. Design	2⅔	(2,2)
W. D. 23, Weaving	1	(0,3)	W. D. 24, Weaving	⅔	(0,2)
**Y. M. 21, Pickers	1⅔	(1,2)	**W. D. 26, W. Room Prob.	2	(2,0)
**Y. M. 23, Mill Problems	2	(2,0)	**Y. M. 22, Cds. & Dr. Frames	1⅔	(1,2)
			**Y. M. 28, Cotton Grading	⅔	(0,2)
	17 or 18			17⅓ or 18⅓	

**Offered both semesters.

***Students who pass Physics 21 and 22 will be given two credits toward option allowed in Junior year.

Junior Year

*E. E. 35, Elec. Mach.	3	(3,0)
*E. E. 35a, Elec. Lab.	⅔	(0,2)
M. E. 31.5, Mechanics	3	(3,0)
M. S. 31, Military Science	⅔	(0,2)
T. C. 31, Textile Chemistry	2⅔	(2,2)
W. D. 31, Dobby Design	2	(2,0)
W. D. 33, Fabric Analysis	1	(0,2)
W. D. 35, Fancy Loom Fixing	⅔	(0,2)
**Y. M. 31, Roving Frames	2⅔	(2,2)
Electives	2	
	18⅓	

Eng. 32, Business Law	2	(2,0)
*M. E. 34, Mech. Engr.	3	(3.0)
*M. E. 34a, Mech. Lab.	⅔	(0,2)
M. S. 32, Military Science	⅔	(0,2)
T. C. 32, Textile Chemistry	2⅔	(2,2)
T. M. 48, Microscopy	1⅓	(1,1)
W. D. 34, Fabric Analysis	1	(0,2)
**Y. M. 34, Spinning	3	(2,3)
Electives	2⅔	
	17	

Senior Year

Eng. 31, Public Speaking	2	(2,0)
M. S. 41, Military Science	⅔	(0,2)
T. C. 41, Dyeing	2⅔	(2,2)
T. M. 41, Textile Costing	1⅔	(1,2)
T. M. 43, Textile Organization	1	(1,0)
**W. D. 41, Jac. Weaving	1⅔	(1,2)
W. D. 45, Pattern Weaving	⅔	(0,2)
**Y. M. 42, Combers	1⅔	(1,2)
Electives	5	
	17	

M. S. 42, Military Science	⅔	(0,2)
Soc. 31, Sociology	2	(2,0)
T. C. 42, Dyeing	2⅔	(2,2)
T. M. 42, Textile Costing	2⅔	(2,2)
**T. M. 44, Textile Mgt.	2	(2,0)
T. M. 46, Textile Testing	1	(1,0)
W. D. 44, Warp Preparation	1⅔	(1,2)
W. D. 46, Weaving	⅔	(0,2)
W. D. 48, Knitting	⅔	(0,2)
Electives	3	
	17	

*Students may take options in additional Physics or Economics.
**Offered both semesters.

TEXTILE CHEMISTRY AND DYEING

The many new chemical processes now available for use in the bleaching, dyeing, and finishing of textiles are largely responsible for the present demand for chemists in the textile industry. Such processes when properly executed give new, novel and desirable results; they require, however, the careful supervision of technically trained men.

This four-year course has been planned to give a thorough training in the fundamental theories of chemistry and dyeing with special emphasis on the application of these theories to the practical accomplishments of the textile industry. (See School of Textiles for additional information.)

TEXTILE CHEMISTRY AND DYEING

Freshman Year

First Semester		*Second Semester*	
Draw. 13, Engr. Drawing	1⅓ (0,4)	Draw. 14, Engr. Drawing	1⅓ (0,4)
Eng. 15, Comp. and Lit.	3 (3,0)	Eng. 16, Comp. and Lit.	3 (3,0)
G. Ch. 13, General Chemistry	4 (3,3)	G. Ch. 14, General Chemistry	4 (3,3)
Hist. 14, Amer. Econ. Hist.	2 (2,0)	Gov. 12, Amer. Nat'l. Gov't.	2 (2,0)
*Math. 11, Trigonometry	5 (5,0)	Math. 12, Analytics	3 (3,0)
M. S. 11, Military Science	1⅔ (1,2)	Math. 14, College Algebra	2 (2,0)
**Y. M. 11, Textiles	1⅔ (1,2)	M. S. 12, Military Science	1⅔ (1,2)
		**W. D. 12, Textiles	1⅔ (1,2)
	18⅔		18⅔

*Prerequisite: Math. 13, or a passing grade on placement examination.

Sophomore Year

An. Ch. 21, Qualitative Anal.	4 (2,6)	An. Ch. 22, Quantitative Anal.	4 (2,6)
Eng. 21, Lit. and Adv. Comp.	2 (2,0)	Eng. 22, Lit. and Adv. Comp.	2 (2,0)
Math. 23, Dif. Calculus	3 (3,0)	Math. 24, Int. Calculus	3 (3,0)
M. S. 21, Military Science	1⅔ (1,2)	M. S. 22, Military Science	1⅔ (1,2)
Phys. 11 & 15, General Physics	4 (3,3)	Phys. 12 & 16, General Physics	4 (3,3)
W. D. 21, Elem. Design	2⅔ (2,2)	**T. M. 48, Microscopy	1⅓ (1,1)
W. D. 23, Weaving	1 (0,3)	Electives	2
	18⅓		18

Junior Year

Econ. 23, Economics	2 (2,0)	M. S. 32, Military Science	⅔ (0,2)
Eng. 31, Public Speaking	2 (2,0)	Ph. Ch. 32, Physical Chemistry	3 (3,0)
M. S. 31, Military Science	⅔ (0,2)	Ph. Ch. 34, Laboratory	2 (0,4)
Ph. Ch. 31, Physical Chemistry	3 (3,0)	T. C. 38, Textile Chemistry	5 (4,3)
Ph. Ch. 33, Laboratory	2 (0,4)	T. C. 42.5, Dyeing	5⅓ (4,4)
T. C. 35, Textile Chemistry	5 (4,3)	Electives	2
**Y. M. 28, Cotton Grading	⅔ (0,2)		
Electives	2		
	17⅓		18

Senior Year

M. S. 41, Military Science	⅔ (0,2)	An. Ch. 31, Adv. Quantitative	2 (1,3)
Ph. Ch. 41, Colloids	2 (2,0)	An. Ch. 42, Stoichiometry	2 (2,0)
T. C. 41.5, Dyeing	5⅓ (4,4)	Eng. 32, Business Law.	2 (2,0)
T. C. 43, Cellulose	2 (2,0)	M. S. 42, Military Science	⅔ (0,2)
T. C. 45, Textile Analysis	2 (1,3)	Ph. Ch. 42, Colloids	2 (2,0)
T. C. 50, Thesis	1 (0,3)	T. C. 46, Textile Analysis	2 (1,3)
T. M. 43, Textile Organization	1 (1,0)	T. C. 48, Synthetic Fibers	2 (2,0)
Electives	3	T. C. 51, Thesis	1 (0,3)
		T. M. 46, Textile Testing	1 (1,0)
	17	Electives	3
			17⅔

**Offered both semesters.

SCHOOL OF VOCATIONAL EDUCATION

The School of Vocational Education offers four-year curricula leading to the degree of Bachelor of Science in Vocational Agricultural Education, Education, Industrial Education, and Textile Industrial Education. Courses are also made available for students of the other schools of the College. By making a proper program of studies it is possible for students to meet the professional requirements in subject matter and in education and to qualify for the teacher's certificate in this State. Students who are planning to teach in high schools are advised to plan not only their courses in education, but also their subject-matter courses so as to fulfill the State requirements for the particular type of work which they expect to teach in the State. Students who are interested are invited to consult the Dean and other members of the Vocational Education staff for information.

Practice teaching in several subjects, in cooperation with the State Department of Education and nearby school systems, constitutes part of the student's training. Students should plan this work well in advance so that they may conform to the schedule of the high school including registration at the opening of school.

While employment cannot be guaranteed, the School of Vocational Education maintains a Teacher Placement Service with which students who desire aid in securing employment may register and from which superintendents of schools and other employers may receive assistance in communicating with, or interviewing prospective teachers. Both students and employers of teachers are invited to use this service.

VOCATIONAL AGRICULTURAL EDUCATION

The curriculum in Agricultural Education is designed to give the student a cross-section of the types of agriculture in the State and to provide an opportunity to study agriculture from the standpoint of the teacher and the practical farmer who operates a farm as a unit.

Professional training of the student is planned to provide an opportunity for the study of a cross-section of rural life and

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its organizations with particular emphasis on the contribution of the public school. Students participate in community organizations as a part of their first-hand training. They are taught to cooperate with State and National organizations which affect rural life and agriculture directly and indirectly. This curriculum with the central aim on teaching is designed primarily to train students for the professional field of teaching vocational agriculture and other closely related fields in which a knowledge of the business of farming is essential, and in which skill in dealing with groups of people as well as with individuals is important.

In order to provide adequate training in technical agriculture, the curriculum in Vocational Agricultural Education includes a minimum of 60 semester credit hours distributed among ten major phases of agriculture. The minimum number of semester hours to be completed in each phase of agriculture is as follows: Agricultural Economics and Rural Sociology, 10; Agricultural Engineering, 6; Agronomy, 11 2/3; Animal Husbandry, 9; Plant Pathology, 3; Dairy Husbandry, 3; Applied Entomology, 3; Horticulture, 8 2/3; Poultry Husbandry, 3; Veterinary Science, 2 2/3. Additional hours may be elected in any one of these branches.

VOCATIONAL AGRICULTURAL EDUCATION

Freshman Year

First Semester			*Second Semester*		
Bot. 15, General Botany	4	(3,3)	A. H. 21, Types and Breeds	3	(2,3)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
Math. 13, College Algebra	5	(5,0)	Math. 11, Trigonometry	5	(5,0)
M. S. 11, Military Science	1⅔	(1,2)	M. S. 12, Military Science	1⅔	(1,2)
V. A. E. 11, Orientation	1	(1,0)	Zool. 15, General Zoology	4	(3,3)
	18⅔			20⅔	

Sophomore Year

Ag. Ec. 22, Agric. Economics	3	(3,0)	Agr. 20, Soils	2⅔	(2,2)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	Dairy 21, Dairying	3	(2,3)
Hort. 22, Gen. Horticulture	3	(2,3)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
M. S. 21, Military Science	1⅔	(1,2)	Geol. 21, Agric. Geology	3	(3,0)
Org. Ch. 25, Organic Chemistry	4	(3,3)	Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
Phys. 11, General Physics	3	(3,0)	M. S. 22, Military Science	1⅔	(1,2)
Phys. 15, Gen. Physics Lab.	1	(0,3)	Phys. 12, General Physics	3	(3,0)
V. A. E. 22, Intro. Ag. Education	1	(1,0)	Phys. 16, Gen. Physics Lab.	1	(0,3)
	18⅔			18⅓	

Junior Year

Ag. En. 22, Farm Machinery	3	(2,3)	
A. H. 31, Feeds and Feeding	3	(3,0)	
Eng. 31, Public Speaking	2	(2,0)	
M. S. 31, Military Science	⅔	(0,2)	
P. H. 32, Poultry Husbandry	3	(2,3)	
V. A. E. 31a, Prin. of Ag. Ed.	2	(2,0)	
V. A. E. 31b, Intro. Ag. Ed.	2	(0,6)	
Elective (Horticulture)	2⅔		
Electives	2	--	
	20⅓		
Ag. Ec. 32, Farm Management	4	(3,3)	
Ag. En. 38, Soil Conservation	3	(2,3)	
Ent. 31, Elem. and Ec. Ent.	3	(2,3)	
M. S. 32, Military Science	⅔	(0,2)	
V. A. E. 30, Ed. Psychology	3	(3,0)	
Elective (Agronomy)	3		
Electives	2	--	
	18⅔		

Senior Year

Agr. 31, Fertilizers	2	(2,0)	
Agr. 45, Min. Nutr. Crops	2	(2,0)	
Bot. 45, Plant Pathology	3	(2,3)	
M. S. 41, Military Science	⅔	(0,2)	
V. A. E. 41, Methods in Ag. Ed.	2	(2,0)	
V. A. E. 41a, Pract. Teaching	3	(0,9)	
Elective (Horticulture)	3		
Electives	2	--	
	17⅔		
A. H. 34, Pork Production	3	(2,3)	
M. S. 42, Military Science	⅔	(0,2)	
V. S. 42, Animal Diseases	2⅔	(2,2)	
V. A. E. 41b, Pract. Teaching	4	(0,12)	
V. A. E. 42, Methods in Ag. Ed.	2	(2,0)	
Elective (Ag. Economics)	3		
Elective (Agronomy)	2		
Electives	2	--	
	19⅓		

Suggested Electives:

Ag. Ec. 43, Mkt. Agric. Prod.	3	(2,3)
Agr. 35, Farm Crops	3	(3,0)
A. H. 32, Judging	1	(0,3)
**Bact. 31, General Bact.	4	(3,3)
Hort. 31, Plant Propagation	3	(2,3)
V. S. 41, Anatomy & Physiology	2⅔	(2,2)
V. Ag. Ed. 100, Special Problems	1-6	

Suggested Electives:

Hort. 52, Com. Pomology	2⅔	(2,2)
Hort. 54, Truck Crops	2⅔	(2,2)
**Hort. 58, Food Preservation	3	(2,3)
V. Ag. Ed. 100, Special Problems	1-6	

*Offered both semesters.
**Senior electives.

EDUCATION

The purpose of this curriculum is to train for high school teaching in the fields indicated below. The curriculum has been planned with the view of providing both subject matter and professional courses. The subject-matter fields are designated as teaching majors and teaching minors. The technical and vocational groups are included with the purpose of providing an occupational background for teachers. Free electives are included to permit the student to exercise his own choice in at least a part of his work. Students who desire to enter into the Vocational Agriculture field or the Industrial Education field should enroll in one of those specialized curricula. (See pages 101 and 105.)

For the degree of Bachelor of Science in Education the following grouping must be made: a teaching major of 20 semester

hours; a first teaching minor of at least 12 semester hours; a second teaching minor of at least 12 semester hours (the semester hours in the teaching major and teaching minor groups may include required subjects in these fields as indicated below); at least 12 semester hours in a vocational or technical field, and 12 semester hours free electives are also required. Other electives are subject to the approval of the Dean. A total of 140 semester hours is required for graduation. The groups of teaching majors, teaching minors, etc., are indicated below.

EDUCATION

Freshman Year

First Semester			*Second Semester*		
Bot. 15, General Botany	4	(3,3)	Eng. 16, Comp. and Lit.	3	(3,0)
Eng. 15, Comp. and Lit.	3	(3,0)	G. Ch. 12, General Chemistry	4	(3,3)
G. Ch. 11, General Chemistry	4	(3,3)	Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
Math. 13, College Algebra	5	(5,0)	Math. 11, Trigonometry	5	(5,0)
M. S. 11, Military Science	1⅔	(1,2)	M. S. 12, Military Science	1⅔	(1,2)
V. Ed. 11, Orientation	1	(1,0)	Zool. 15, General Zoology	4	(3,3)
	18⅔			19⅔	

Sophomore Year

An. Ch. 21, Qualitative Anal.	4	(2,6)	Econ. 23, Economics	2	(2,0)
Bact. 31, General Bact.	4	(3,3)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
Eng. 21, Lit. and Adv. Comp.	2	(2,0)	M. S. 22, Military Science	1⅔	(1,2)
M. S. 21, Military Science	1⅔	(1,2)	Org. Ch. 24, Organic Chem.	4	(3,3)
Phys. 11 & 15, General Phys.	4	(3,3)	Phys. 12 & 16, General Phys.	4	(3,3)
Voc. or Tech. Group	2		Voc. or Tech. Group	3	
			Free Electives	2	
	17⅔			18⅔	

Junior Year

Eng. 31, Public Speaking	2	(2,0)	M. S. 32, Military Science	⅔	(0,2)
Ent. 31, Elem. & Economic	3	(2,3)	Soc. 31, Sociology	2	(2,0)
M. S. 31, Military Science	⅔	(0,2)	V. Ed. 45, Teach. Science	3	(3,0)
V. Ed. 35, Psychology	3	(3,0)	V. or Tech. group	3	
V. Ed. 39, Prin. of Sec. Ed.	3	(3,0)	Teaching Major and Minor	4	
V. or Tech. group	3		Free electives	3⅓	
Teaching Major and Minor	2⅔			16	
	17⅓				

Senior Year

M. S. 41, Military Science	⅔	(0,2)	M. S. 42, Military Science	⅔	(0,2)
V. Ed. 51, Pract. Teaching	3	(0,6)	V. Ed. 47, Hist. & Philos. of Education	2	(2,0)
V. Ed. 59, Administration	2	(2,0)	V. Ed. 52, Pract. Teaching	3	(0,6)
Teaching Major and Minor	6		Teaching Major and Minor	5⅔	
Free electives	4⅓		Free electives	4⅔	
	16			16	

I TEACHING MAJORS:	1 Biological Science, including Botany, Bacteriology, and Zoology. 2. Chemistry. 3. Mathematics. 4. Physics. 5. Social Science.
II TEACHING MINORS:	First Teaching Minor: One of these above not classed as major. Second Teaching Minor: Social Science, including History, Economics.
III VOCATIONAL OR TECHNICAL GROUPS	1. Agriculture—Agronomy, Animal Husbandry, Bacteriology and Botany, Horticulture, Poultry. 2. Textiles—Textile Chemistry, Weaving and Designing, Yarn Manufacturing. 3. Engineering—Architecture, Drawing, Civil, Electrical, Mechanical.

INDUSTRIAL EDUCATION

The curriculum in Industrial Education is intended to prepare students to teach industrial subjects, industrial arts, drawing, manual training, metal work, etc., in the high schools and to supervise the teaching of evening trade classes. The four-year curriculum includes the study of the major industries of South Carolina. The freshman year includes training in textiles. Students who complete this curriculum are prepared to teach industrial arts, manual training, drawing, woodwork, home mechanics, general subjects, and mathematics. A total of 140 semester hours is required for graduation. Provision is made for 12 semester hours free electives.

There has been, and is at present, an unusual demand for Clemson men trained in this field.

INDUSTRIAL EDUCATION

Freshman Year

First Semester			*Second Semester*		
Draw. 13, Engr. Drawing	1⅓	(0,4)	Draw. 14, Engr. Drawing	1⅓	(0,4)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
Hist. 14, Amer. Econ. Hist.	2	(2,0)	Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
Math. 13, College Algebra	5	(5,0)	Math. 11, Trigonometry	5	(5,0)
M. S. 11, Military Science	1⅓	(1,2)	M. S. 12, Military Science	1⅓	(1,2)
V. Ed. 11, Orientation	1	(1,0)	W. D. 12, Gen. Textiles	1⅓	(1,2)
Y. M. 11, Gen. Textiles	1⅓	(1,2)		18⅔	
	19⅓				

Summer industrial employment minimum of four weeks.

Sophomore Year

C. E. 23, Surveying	1 (1,0)	Draw. 25, Des. & Kin. Draw.	1⅓ (0,4)
C. E. 23a, Field & Office Work	⅔ (0,2)	Eng. 22, Lit. and Adv. Comp.	2 (2,0)
Econ. 23, Economics	2 (2,0)	*Math. 26, Industrial Math.	3 (3,0)
Eng. 21, Lit. and Adv. Comp.	2 (2,0)	M. E. 12, or M. E. 17, Shop	2 (0,6)
*Math. 25, Industrial Math.	3 (3,0)	M. S. 22, Military Science	⅔ (1,2)
M. E. 17, or M. E. 12, Shop	2 (0,6)	Phys. 12 & 16, General Phys.	4 (3,3)
M. E. 22, Mat. of Engr.	2 (2,0)	V. Ed. 28, Observ. of Teaching	1 (0,3)
M. S. 21, Military Science	⅔ (1,2)	Electives	3⅓
Phys. 11 & 15, General Physics	4 (3,3)		
	18⅓		18⅓

*For education students only.

Summer industrial employment minimum of four weeks.

Junior Year

Eng. 31, Public Speaking	2 (2,0)	Eng. 32, Business Law	2 (2,0)
M. S. 31, Military Science	⅔ (0,2)	M. E. 30, Welding	2 (1,3)
V. Ed. 33.5 Art Metal Work	2 (1,3)	M. S. 32, Military Science	⅔ (0,2)
V. Ed. 35, Psychol. for Teachers	3 (3,0)	V. Ed. 32, Org. Courses of Study	3 (3,0)
V. Ed. 39, Prin. of Sec. Ed.	3 (3,0)	V. Ed. 38, Teaching of Drawing	3 (2,2)
V. Ed. 61, Ind. Lab.	2 (0,6)	V. Ed. 62, Ind. Lab.	2 (0,6)
Electives	3⅔	Electives	4
	16⅓		16⅔

Senior Year

Arch 35, Bldg. Constr.	3 (3,0)	Arch. 36, Bldg. Constr.	2 (2,0)
Arch. 41.5, Art Appreciation	2 (2,0)	Arch 42.5, Ind. Arts Design	⅔ (0,2)
E. E. 35, Elec. Mach.	3 (3,0)	E. E. 38, Voc. Electricity	1⅔ (1,2)
E. E. 35a, Elec. Lab.	⅔ (0,2)	M S 42, Military Science	⅔ (0,2)
M. S. 41, Military Science	⅔ (0,2)	*V. Ed. 43, Pract. Teach.	5 (0,10)
*Soc. 31, Sociology	2 (2,0)	V. Ed. 46, Tech. of Teach.	3 (3,0)
V. Ed. 55, Coordination Meth. in Voc. Ed.	2 (2,0)	Electives	3
Electives	2⅔		16
	16		

*Offered both semesters.

TEXTILE INDUSTRIAL EDUCATION

This course has for its purpose the preparation of young men for positions of usefulness and responsibility in vocational departments of schools located in textile communities. The course includes instruction in the fundamental principles of education, engineering and the textile industry.

The prime purpose of the course is to prepare the students for positions as teachers of trade and industrial subjects and as principals of schools in mill communities as well as local supervisors of industrial education. Since the textile industry is the chief one in the State, this industry is given special prominence. The course is essentially a combination of instruction in the textile industry and the training of industrial teachers.

One hundred forty semester hours of credit are required for graduation. Twelve semester hours of free electives are allowed.

TEXTILE INDUSTRIAL EDUCATION

Freshman Year

First Semester			*Second Semester*		
Draw. 13, Engr. Drawing	1⅓	(0,4)	Draw. 14, Engr. Drawing	1⅓	(0,4)
Eng. 15, Comp. and Lit.	3	(3,0)	Eng. 16, Comp. and Lit.	3	(3,0)
G. Ch. 11, General Chemistry	4	(3,3)	G. Ch. 12, General Chemistry	4	(3,3)
Hist. 14, Amer. Econ. Hist.	2	(2,0)	Gov. 12, Amer. Nat'l. Gov't.	2	(2,0)
Math. 13, College Algebra	5	(5,0)	Math. 11, Trigonometry	5	(5,0)
M. S. 11, Military Science	1⅔	(1,2)	M. S. 12, Military Science	1⅔	(1,2)
V. Ed. 11, Orientation	1	(1,0)	W. D. 12, Textiles	1⅔	(1,2)
Y. M. 11, Textiles	1⅔	(1,2)			
	19⅔			18⅔	

Summer industrial employment minimum of four weeks.

Sophomore Year

Eng. 21, Lit. and Adv. Comp.	2	(2,0)	Draw. 25, Des. & Kin. Drawing	1⅓	(0,4)
*Math. 25, Industrial Math.	3	(3,0)	Eng. 22, Lit. and Adv. Comp.	2	(2,0)
M. S. 21, Military Science	1⅔	(1,2)	M. S. 22, Military Science	1⅔	(1,2)
Phys. 11 & 15, General Phys.	4	(3,3)	Phys. 12 & 16, General Phys.	4	(3,3)
W. D. 21, Elem. Design	2⅔	(2,2)	V. Ed. 28, Observ. of Teaching	1	(0,3)
W. D. 23, Weaving	1	(0,3)	W. D. 22, Adv. Design	2⅔	(2,2)
Y. M. 21, Pickers	1⅔	(1,2)	W. D. 24, Weaving	⅔	(0,2)
**Y. M. 23, Mill Problems	2	(2,0)	**W. D. 26, Weave Room Problems	2	(2,0)
	18		Y. M. 22, Cards & Draw. Frames	1⅔	(1,2)
				17	

Summer industrial employment minimum of four weeks.

Junior Year

M. S. 31, Military Science	⅔	(0,2)	Eng. 32, Business Law	2	(2,0)
Soc. 31, Sociology	2	(2,0)	M. E. 34, Mech. Engr.	3	(3,0)
V. Ed. 39, Prin. of Sec. Ed.	3	(3,0)	M. E. 34a, Mech. Engr. Lab.	⅔	(0,2)
W. D. 31, Dobby Design	2	(2,0)	M. S. 32, Military Science	⅔	(0,2)
W. D. 33, Fabric Analysis	1	(0,2)	V. Ed. 32, Org. of Courses of Study	3	(3,0)
W. D. 35, Fancy Loom Fixing	⅔	(0,2)	W. D. 31, Fabric Analysis	1	(0,2)
Y. M. 31, Roving Frames	2⅔	(2,2)	**Y. M. 28, Cotton Grading	⅔	(0,2)
Y. M. 34, Spinning	3	(2,3)	**Y. M. 42, Combers	1⅔	(1,2)
Electives	2		Electives	3⅓	
	17			16	

Senior Year

Econ. 23, Economics	2	(2,0)	M. S. 42, Military Science	⅔	(0,2)
E. E. 35, Elec. Mach.	3	(3,0)	T. M. 42, Textile Costing	2⅔	(2,2)
E. E. 35a, Elec. Lab.	⅔	(0,2)	**V. Ed. 43, Prac. Teach.	5	(0,10)
Eng. 31, Public Speaking	2	(2,0)	V. Ed. 46, Tech. of Teach.	3	(3,0)
M. S. 41, Military Science	⅔	(0,2)	W. D. 44, Warp Preparation	1⅔	(1,2)
T. M. 41, Textile Costing	1⅔	(1,2)	W. D. 48, Knitting	⅔	(0,2)
T. M. 44, Textile Management	2	(2,0)	Electives	4	
Electives	4			17⅔	
	16				
Suggested Electives:			Suggested Electives:		
Voc. Ed. 61, Ind. Lab.	2	(0,6)	Econ. 24, Economics	2	(2,0)
			Voc. Ed. 62, Ind. Lab.	2	(0,6)

*For education students only.
**Offered both semesters.

DESCRIPTIVE TITLES OF COURSES*

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

MR. AULL

MR. FERRIER **MR. STEPP MR. SPAULDING

AG. EC. 22—INTRODUCTION TO AGRICULTURAL ECONOMICS—Semester 1 or 2 (3 and 0) 3 cr.

AG. EC. 31—FARM FINANCE AND ACCOUNTING—Semester 1 (3 and 0) 3 cr.
Prerequisite: Ag. Ec. 22 or Econ. 23 and 24.

AG. EC. 32—FARM ORGANIZATION AND MANAGEMENT—Semester 2 (3 and 3) 4 cr.
Prerequisite: Ag. Ec. 22.

AG. EC. 33—RURAL SOCIOLOGY—Semester 1 (3 and 0) 3 cr.
Prerequisite: Ag. Ec. 22.

AG. EC. 34—PUBLIC FINANCE—Semester 2 (3 and 0) 3 cr.
Prerequisite: Junior Standing.

AG. EC. 41—STATISTICAL METHODS—Semester 1 (3 and 0) 3 cr.
Prerequisite: Junior Standing.

AG. EC. 42—ECONOMICS OF COOPERATION—Semester 2 (3 and 0) 3 cr.
Prerequisite: Ag. Ec. 22 and Ag. Ec. 41.

AG. EC. 43—MARKETING AGRICULTURAL PRODUCTS—Semester 1 (2 and 3) 3 cr.
Prerequisite: Ag. Ec. 22 or Econ. 23 and 24.

AG. EC. 44—AGRICULTURAL PROGRAMS AND POLICIES—Semester 2 (3 and 0) 3 cr.
Prerequisite: Senior standing.

AG. EC. 45—RURAL COMMUNITY ORGANIZATION—Semester 1 (3 and 0) 3 cr.
Prerequisite: Ag. Ec. 33.

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*Below, and on the pages following, are given in alphabetical order the descriptions of courses, including the subject, catalog number, and descriptive title. In general, Freshman courses are numbered from 11 through 19; Sophomore, 20 through 29; Junior, 30 through 39; and Senior, 40 through 60.

**On leave.

Ag. Ec. 46—Agricultural Prices—Semester 2 (3 and 0) 3 cr.
Prerequisite: Ag. Ec. 32.

Ag. Ec. 51, 52—Research Seminar—Semesters 1 and 2 (1 and 0) 1 cr. each semester.
Prerequisite: Senior standing and major in agricultural economics and rural sociology.

AGRICULTURAL ENGINEERING

Mr. Nutt

*Mr. McAdams *Mr. Dunkelberg

Ag. Engr. 21—Agricultural Mechanics—Semester 1 (2 and 3) 3 cr.

Ag. Engr. 22—Farm Machinery—Semester 1 or 2 (2 and 3) 3 cr.

Ag. Engr. 33—Farm Buildings—Semester 1 (2 and 3) 3 cr.
Prerequisite: Drawing 25.

Ag. Engr. 34—Advanced Farm Buildings—Semester 2 (2 and 3) 3 cr.
Prerequisite: Ag. Engr. 33.

Ag. Engr. 35—Motors and Power Machinery—Semester 2 (2 and 3) 3 cr.
Prerequisite: Physics 21 and 22.

Ag. Engr. 38—Soil Conservation—Semester 1 or 2 (2 and 3) 3 cr.

Ag. Engr. 41—Rural Electrification—Semester 2 (2 and 3) 3 cr.
Prerequisite: E. E. 35 and E. E. 35a.

Ag. Engr. 44—Surveyage and Drainage—Semester 2 (2 and 3) 3 cr.

Ag. Engr. 48—Advanced Farm Machinery Laboratory—Semester 2 (1 and 3) 2 cr.
Prerequisite: Ag. Engr. 22.

Ag. Engr. 51, 52—Introduction to Research and Thesis—Semesters 1 and 2 (1 and 3) 2 cr.

*On military leave.

AGRONOMY

Mr. Cooper

Mr. Collings *Mr. Jones Mr. Polk

Agr. 20—Soils—Semester 2 (2 and 2) 2 2/3 cr.

Agr. 31—Fertilizers and Manures—Semester 1 (2 and 0) 2 cr.
Prerequisite: Agr. 20.

Agr. 32—Genetics—Semester 2 (2 and 3) 3 cr.

Agr. 35—Farm Crops—Semester 1 (3 and 0) 3 cr.

Agr. 42—Soil Classification, Fertility, and Management—Semester 2 (2 and 0) 2 cr.
Prerequisite: Agr. 20, Agr. 31, and Major in Agronomy.

Agr. 44—Advanced Soil Laboratory—Semester 2 (0 and 2) 2/3 cr.
Prerequisite: Agr. 20.

Agr. 45—Mineral Nutrition of Plants—Semester 1 (2 and 0) 2 cr.
Prerequisite: Agr. 35.

Agr. 47—Advanced Crop Laboratory—Semester 1 (0 and 2) 2/3 cr.

Agr. 49—Plant Breeding—Semester 1 (2 and 2) 2 2/3 cr.
Prerequisite: Agr. 32.

Agr. 51—Seminar—Semester 1 (1 and 0) 1 cr.

Agr. 52—Seminar—Semester 2 (1 and 0) 1 cr.

Agr. 53—Cotton—Semester 1 (2 and 0) 2 cr.

Agr. 61, 62—Introduction to Research and Thesis—Semesters 1 and 2 (0 and 3) 1 cr.

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*On military leave.

ANIMAL HUSBANDRY

MR. STARKEY

MR. RITCHIE *MR. HAUSER MR. LEASE

A. H. 21—TYPES, BREEDS AND MARKET CLASSES OF LIVESTOCK—Semester 1 or 2 (2 and 3) 3 cr.

A. H. 31—FEEDS AND FEEDING—Semester 1 or 2 (3 and 0) 3 cr.
Prerequisite: A. H. 21 and Organic Chemistry 23.

A. H. 32—JUDGING—Semester 1 or 2 (0 and 3) 1 cr.
Prerequisite: A. H. 21.

A. H. 33—FEEDS AND FEEDING LABORATORY—Semester 1 (0 and 3) 1 cr.
Prerequisite: A. H. 21 and Organic Chemistry 23.

A. H. 34—PORK PRODUCTION—Semester 2 (2 and 3) 3 cr.
Prerequisite: A. H. 31.

A. H. 37—BASIC ELEMENTS OF NUTRITION—Semester 1 (3 and 0) 3 cr.
Prerequisite: Junior standing.

A. H. 38—BREEDS OF LIVESTOCK—Semester 2 (2 and 0) 2 cr.

A. H. 40—ANIMAL BREEDING—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Dairy 33 or Agronomy 32.

A. H. 41—ADVANCED FEEDS AND FEEDING—Semester 1 (2 and 0) 2 cr.
Prerequisite: A. H. 31.

A. H. 42—HORSE AND SHEEP PRODUCTION—Semester 2 (3 and 3) 4 cr.
Prerequisite: A. H. 31.

A. H. 43—BEEF PRODUCTION—Semester 1 (2 and 3) 3 cr.
Prerequisite: A. H. 31.

A. H. 44—FARM MEATS—Semester 1 (0 and 6) 2 cr.
Prerequisite: A. H. 21.

*On military leave.

A. H. 45—Advanced Judging—Semester 1 (0 and 3) 1 cr.
Prerequisite: A. H. 21.

A. H. 46—Advanced Meats—Semester 2 (1 and 3) 2 cr.
Prerequisite: A. H. 44.

A. H. 52—Seminar—Semester 2 (2 and 0) 2 cr.
Prerequisite: A. H. 31.

ARCHITECTURE

Mr. Lee

*Mr. Anderson Mr. Hoffman Mr. Hodge *Mr. Wiss

Arch. 11, 12—Elements of Architecture—Semesters 1 and 2 (0 and 5) 1 2/3 cr.

Arch. 13, 14—Freehand Drawing—Semesters 1 and 2 (0 and 4) 1 1/3 cr.

Arch. 15—Descriptive Geometry—Semester 1 (0 and 2) 2/3 cr.

Arch. 16—Shades and Shadows and Perspective—Semester 2 (0 and 2) 2/3 cr.
Prerequisite: Architecture 15.

Arch. 21—Architectural Design—Semester 1 (0 and 14) 4 2/3 cr.
Prerequisite: Arch. 12, 14, 15, 16.

Arch. 22—Architectural Design—Semester 2 (0 and 14) 4 2/3 cr.
Prerequisite: Arch. 21.

Arch. 23, 24—Antique and Color—Semester 1 and 2 (0 and 3) 1 cr.
Prerequisite: Arch. 14.

Arch. 25—History of Architecture—Semester 1 (4 and 0) 4 cr.

Arch. 25.5—Architecture of Antique and Early Christian Civilizations—Semester 1 (2 and 0) 2 cr.

Arch. 26—History of Architecture—Semester 2 (4 and 0) 4 cr.
Prerequisite: Arch. 25.

*On military leave.

ARCH. 26.5—ARCHITECTURE OF MEDIAEVAL AND RENAISSANCE CIVILIZATIONS—Semester 2 (2 and 0) 2 cr.

ARCH. 28—SUMMER WORK—6 Weeks.

ARCH. 31, 32—ARCHITECTURAL DESIGN—Semesters 1 and 2 (0 and 22) 7 1/3 cr.
Prerequisite: Arch. 22.

ARCH. 31a—THEORY OF ARCHITECTURE—Semester 1—(Given jointly as part of Arch. 31.)
Prerequisite: Registration in Architecture 31.

ARCH. 33, 34—CAST DRAWING—Semesters 1 and 2 (0 and 3) 1 cr.
Prerequisite: Arch. 24.

ARCH. 35, 36—BUILDING CONSTRUCTION—Semester 1 (3 and 0) 3 cr. Semester 2 (2 and 0) 2 cr.

ARCH. 37, 38—WORKING DRAWINGS—Semesters 1 and 2 (0 and 2) 2/3 cr.
Prerequisite: Architecture 22; registration in Arch. 35, 36.

ARCH. 39—HISTORIC ORNAMENT—Semester 1 (0 and 2) 2/3 cr.
Prerequisite: Arch. 22, 24, 26.

ARCH. 40, 49—LIFE DRAWING—Semesters 1 and 2 (0 and 2) 2/3 cr.
Prerequisite: Arch. 34.

ARCH. 40.5—HISTORY OF PAINTING—Semester 2 (2 and 0) 2 cr.
Prerequisite: Junior or senior standing.

ARCH. 41, 42—ARCHITECTURAL DESIGN—Semesters 1 and 2 (0 and 20) 6 2/3 cr.
Prerequisite: Arch. 32.

ARCH. 41.5—ART APPRECIATION—Semester 1 (2 and 0) 2 cr.
For students in Industrial Education—Elective.

ARCH. 42.5—INDUSTRIAL ARTS DESIGN—Semester 2 (0 and 2) 2/3 cr.
For students in Industrial Education.
Prerequisite: Drawing 12 and 14, Arch. 41.5.

ARCH. 43, 44—BUILDING CONSTRUCTION—Semesters 1 and 2 (3 and 0) 3 cr.

Prerequisite: Arch. 36; registration in Arch. 45, 46 and 47.

ARCH. 45, 46—STRUCTURAL DESIGN—Semester 1 (0 and 6) 2 cr. Semester 2 (0 and 8) 2 2/3 cr.

Prerequisite: Arch. 36, 38; registration in Arch. 43, 44 and 47.

ARCH. 47—MECHANICAL PLANT—Semester 1 (2 and 0) 2 cr.

Prerequisite: Arch. 38.

ARCH. 48—PROFESSIONAL PRACTICE—Semester 2 (1 and 0) 1 cr.

For seniors in Architecture only.

ARCH. 51, 52—ADVANCED ARCHITECTURAL DESIGN—Semesters 1 and 2 (credits to be arranged with instructor).

Prerequisite: Arch. 42.

ARCH. 53—MODELING—Semester 1 (0 and 2) 2/3 cr.

Prerequisite: Arch. 12, 14, 15, 16.

BACTERIOLOGY

MR. AULL MR. TURNER

BACT. 31—GENERAL BACTERIOLOGY—Semester 1 (3 and 3) 4 cr.

Prerequisite: Botany 15 and General Chemistry 11 and 12. (*Suggested*: Organic Chemistry 23 and 24.)

BACT. 40—DAIRY BACTERIOLOGY—Semester 2 (2 and 3) 3 cr.

Prerequisite: Bacteriology 31.

BACT. 42—SANITARY BACTERIOLOGY—Semester 2 (2 and 3) 3 cr.

Prerequisite: General Chemistry 11 and 12. (*Suggested*: Botany 15 and Organic Chemistry.)

BACT. 44—SOIL MICROBIOLOGY—Semester 2 (2 and 3) 3 cr.

Prerequisite: Bacteriology 31.

BOTANY

MR. ARMSTRONG

MR. ROSENKRANS *MR. PRINCE MR. TURNER

BOT. 15—GENERAL BOTANY—Semester 1 or 2 (3 and 3) 4 cr.

BOT. 30—PLANT PHYSIOLOGY—Semester 2 (2 and 4) 3 1/3 cr.

Prerequisite: Botany 15; one year of Chemistry, and one semester of Physics.

BOT. 31—ECONOMIC BOTANY—Semester 1 (2 and 3) 3 cr.

Prerequisite: Botany 15. Other students who present evidence of good scholarship may elect.

BOT. 32—FARM FORESTRY—Semester 2 (2 and 3) 3 cr.

Prerequisite: Botany 15.

BOT. 34—TAXONOMY OF THE HIGHER PLANTS—Semester 2 (2 and 3) 3 cr.

Prerequisite: Botany 15.

BOT. 41—FIELD CROP DISEASES—Semester 1 (2 and 2) 2 2/3 cr.

Prerequisite: Botany 15. (Suggested: Botany 30.)

BOT. 43—ORCHARD AND TRUCK CROP DISEASES—Semester 1 (2 and 2) 2 2/3 cr.

Prerequisite: Botany 15. (Suggested: Botany 30.)

BOT. 45—PLANT PATHOLOGY—Semester 1 (2 and 3) 3 cr.

Prerequisite: Botany 15.

BOT. 47—MORPHOLOGY AND CLASSIFICATION OF THE FUNGI—Semester 1 (2 and 4) 3 1/3 Credits. (Hours to be arranged.)

Prerequisite: Botany 15; Botany 41 or 43 or 45.

*On leave.

CHEMISTRY

MR. CALHOUN

MR. POLLARD	MR. MITCHELL	*MR. HUNTER
MR. CARODEMOS	MR. HODGES	MR. HOBSON
MR. MAULDIN	*MR. BERNHARDT	*MR. HAWKINS

GENERAL CHEMISTRY

G. CH. 11, 12—GENERAL CHEMISTRY—Semesters 1 and 2 (3 and 3) 4 cr.

G. CH. 13, 14—GENERAL CHEMISTRY—Semesters 1 and 2 (3 and 3) 4 cr.

G. CH. 33, 34—ELEMENTARY CHEMICAL MICROSCOPY—Semesters 1 and 2 (2 and 2) 2 2/3 cr.
Prerequisite: Anal. Chem. 21, 22; Org. Chem. 21; Geol. 33.

G. CH. 41, 42—INORGANIC CHEMISTRY—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: Gen. Chem. 11, 12. (Suggested: Phys. Chem. 31, 32.)

G. CH. 45—HISTORY OF CHEMISTRY—Semester 1 (2 and 0) 2 cr.
Prerequisite: Org. Chem. 21, 22.

G. CH. 50—THESIS—Semester 2 (0 and 9) 3 cr.

ANALYTICAL CHEMISTRY

AN. CH. 21—QUALITATIVE ANALYSIS—Semester 1 (2 and 6) 4 cr.
Prerequisite: Gen. Chem. 11, 12.

AN. CH. 22—QUANTITATIVE ANALYSIS—Semester 2 (2 and 6) 4 cr.
Prerequisite: Gen. Chem. 11, 12.

AN. CH. 23—QUALITATIVE ANALYSIS—Semester 1 (2 and 3) 3 cr.
Prerequisite: Gen. Chem. 11, 12.

AN. CH. 24—QUANTITATIVE ANALYSIS—Semester 2 (2 and 3) 3 cr.
Prerequisite: Gen. Chem. 11, 12.

*On military leave.

AN. CH. 31—QUANTITATIVE ANALYSIS—Semester 1 or 2 (1 and 3) 2 cr.
Prerequisite: Anal. Chem. 22.

AN. CH. 32—GAS ANALYSIS—Semester 2 (1 and 3) 2 cr.
Prerequisite: Anal. Chem. 21, 22; Org. Chem. 21, 22.

AN. CH. 41—TECHNICAL ANALYSIS—Semester 1 (1 and 6) 3 cr.
Prerequisite: Anal. Chem. 21 or 22.

AN. CH. 42—STOICHIOMETRY—Semester 2 (2 and 0) 2 cr.
Prerequisite: Gen. Chem. 11, 12.

AN. CH. 50—THESIS—Semester 2 (0 and 9) 3 cr.

INDUSTRIAL CHEMISTRY

IND. CH. 41, 42—INDUSTRIAL CHEMISTRY—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: Junior or senior standing. (*Suggested*: Phys. Chem. 31, 32.)

IND. CH. 43, 44—UNIT OPERATIONS—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: Phys. Chem. 31, 32.

IND. CH. 50—THESIS—Semester 2 (0 and 9) 3 cr.

ORGANIC CHEMISTRY

ORG. CH. 21—ORGANIC CHEMISTRY—Semester 1 (3 and 6) 5 cr.
Prerequisite: Gen. Chem. 11, 12.

ORG. CH. 22—ORGANIC CHEMISTRY—Semester 2 (3 and 6) 5 cr.
Prerequisite: Org. Chem. 21.

ORG. CH. 23, 24—AGRICULTURAL ORGANIC CHEMISTRY—Semesters 1 and 2 (3 and 3) 4 cr.
Prerequisite: Gen. Chem. 11, 12.

ORG. CH. 25—ORGANIC CHEMISTRY—Semester 1 (3 and 3) 4 cr.
Prerequisite: Gen. Chem. 11, 12.

ORG. CH. 31—ADV. ORGANIC CHEMISTRY—Semester 1 (2 and 3) 3 cr.
Prerequisite: Org. Chem. 22.

ORG. CH. 32—ADV. ORGANIC CHEMISTRY—Semester 2 (2 and 3) 3 cr.
Prerequisite: Org. Chem. 31.

ORG. CHEM. 34—DAIRY CHEMISTRY—Semester 2 (2 and 3) 3 cr.
Prerequisite: Org. Chem. 23, 24. (*Suggested*: Anal. Chem. 21, 22.)

*ORG. CH. 36—QUALITATIVE ORGANIC ANALYSIS—Semester 2 (1 and 6) 3 cr.
Prerequisite: Org. Chem. 31.

*ORG. CH. 42—FOOD CHEMISTRY—Semester 2 (2 and 6) 4 cr.
Prerequisite: Anal. Chem. 31; Org. Chem. 22. (*Suggested*: Phys. Chem. 31.)

ORG. CHEM. 50—THESIS—Semester 2 (0 and 9) 3 cr.

PHYSICAL CHEMISTRY

PH. CH. 31, 32—PHYSICAL CHEMISTRY—Semesters 1 and 2 (3 and 0) 3 cr.
Prerequisite: Calculus; Anal. Chem. 22; Org. Chem. 21, 22.

PH. CH. 33, 34—PHYSICAL CHEMISTRY LABORATORY—Semesters 1 and 2 (0 and 4) 2 cr.
Prerequisite: Anal. Chem. 22. This course must be taken with Phys. Chem. 31, 32.

PH. CH. 41, 42—COLLOID CHEMISTRY—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: Phys. Chem. 31, 32.

PH. CH. 43, 44—ELECTROCHEMISTRY—Semesters 1 and 2 (1 and 2) 2 cr.
Prerequisite: Phys. Chem. 31, 32.

PH. CH. 50—THESIS—Semester 2 (0 and 9) 3 cr.

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*Org. Ch. 36 and Org. Ch. 42 are offered in alternate years.

CIVIL ENGINEERING

Mr. Clarke

Mr. Glenn *Mr. Quattlebaum Mr. Trively Mr. Norman

C. E. 21, 22—Surveying—Semester 1 (2 and 0) 2 cr. Semester 2 (3 and 0) 3 cr.
Prerequisite: Math. 11, 12, 14; Drawing 13, 14.

C. E. 21a, 22a—Surveying Field and Office Work—Semester 1 (0 and 3) 1 cr. Semester 2 (0 and 2) 2/3 cr.
Prerequisite: Math. 11, 12, 14; Drawing 13, 14.

C. E. 23—Surveying—Semester 1 or 2 (1 and 0) 1 cr.
Prerequisite: Math. 11, 12, 14; Drawing 13, 14; registration in C. E. 23a.

C. E. 23a—Surveying Field and Office Work—Semester 1 or 2 (0 and 2) 2/3 cr.
Prerequisite: Math. 11, 12, 14; Drawing 13, 14; registration in C. E. 23.

C. E. 28—Materials and Methods of Construction—Semester 2 (2 and 0) 2 cr.

C. E. 30—Summer Surveying Camp

Between the Sophomore and Junior years, two weeks in June, at *Camp Clarke,* near Steedman, S. C. 3 credits. This course is temporarily discontinued because of war conditions.
Prerequisite: C. E. 21, 22.

C. E. 31—Mechanics—Semester 1 (3 and 0) 3 cr.
Prerequisite: Math. 21, 22; Physics 21, 22, 23, 24.

C. E. 32—Strength of Materials—Semester 2 (3 and 0) 3 cr.
Prerequisite: C. E. 31 or M. E. 31.

C. E. 34—Graphic Statics—Semester 2 (1 and 2) 1 2/3 cr.
Prerequisite: C. E. 31.

C. E. 34A—Graphic Statics—Semester 2 (1 and 2) 1 2/3 cr.
Prerequisite: C. E. 31.

*On military leave.

C. E. 35—Route Surveying—Semester 1 (3 and 0) 3 cr.
Prerequisite: C. E. 21, 22, 30.

C. E. 36—Roads and Pavements—Semester 2 (3 and 3) 4 cr.
Prerequisite: C. E. 21, 22, 30, 35.

C. E. 37—Stresses in Simple Structures—Semester 1 (0 and 4) 1 1/3 cr.
Prerequisite: Math. 21, 22; Physics 21, 22; Drawing 28.

C. E. 38—Design of Simple Structures—Semester 2 (0 and 6) 2 cr
Prerequisite: Math. 21, 22; Physics 21, 22; Drawing 28; C. E. 37.

C. E. 41—Structural Design—Semester 1 (2 and 3) 3 cr.
Prerequisite: Drawing 28; C. E. 31, 34; C. E. 32 or M. E. 31, 49; C. E. 37; C. E. 38.

C. E. 42—Structural Design—Semester 2 (2 and 6) 4 cr.
Prerequisite: C. E. 31, 32 or M. E. 31, 49, and C. E. 34, 37, 38, 41, 45.

C. E. 43, 44—Materials Testing Laboratory—Semesters 1 and 2 (0 and 3) 1 cr.
Prerequisite: C. E. 32, 36.

C. E. 43.5—Soil Mechanics and Foundations—Semester 1 (2 and 0) 2 cr.
Prerequisite: C. E. 31, 32.

C. E. 45—Reinforced Concrete Design—Semester 1 (2 and 3) 3 cr.
Prerequisite: C. E. 31, 34, 32, or M. E. 31, 49.

C. E. 46—Municipal and Sanitary Engineering—Semester 2 (5 and 0) 5 cr.
Prerequisite: C. E. 49.

C. E. 47—Reinforced Concrete Design—Semester 1 (2 and 0) 2 cr.
Prerequisite: C. E. 31, 32, 34, or M. E. 31, 49.

C. E. 48—City Planning—Semester 2 (2 and 0) 2 cr.
Prerequisite: Registration in Civil Engineering in either the senior or junior year. *Elective Course*: Offered only if the registration justifies.

C. E. 49—Hydraulics—Semester 1 (3 and 0) 3 cr.
Prerequisite: Math. 21, 22; Phys. 21, 22, 23, 24.

C. E. 50—Thesis—Semester 1 or 2. 1 or 2 credits. (3 credits for exceptional work.)

C. E. 52—Water Power Engineering—Semester 2 (2 and 0) 2 cr.
Prerequisite: C. E. 49 or equivalent, or registration in same.

DAIRY

Mr. LaMaster Mr. Goodale

Dairy 21—Introductory Dairying—Semester 1 or 2 (2 and 3) 3 cr.

Dairy 30—Dairy Technology—Semester 2 (2 and 3) 3 cr.
Prerequisite: Dairy 21.

Dairy 31—Dairy Cattle Judging—Semester 1 (0 and 3) 1 cr.
Prerequisite: Dairy 21.

Dairy 33—Genetics—Semester 1 (2 and 3) 3 cr.
Suggested antecedent course: Ag. Ec. 41.

*Dairy 34—Dairy Plant Organization and Management—Semester 2 (3 and 0) 3 cr.
Prerequisite: Dairy 21.

*Dairy 36—Market Milk—Semester 2 (3 and 0) 3 cr.
Prerequisite: Dairy 21.

Dairy 38—Dairy Cattle Feeding and Management—Semester 2 (2 and 3) 3 cr.

Dairy 41—Dairy Manufactures (Butter and Soft Cheeses)—Semester 1 (2 and 3) 3 cr.
Prerequisite: Dairy 21 and Dairy 30.

Dairy 42—Dairy Manufactures (Ice Cream and Condensed Milks) Semester 2 (2 and 4) 3 1/3 cr.
Prerequisite: Dairy 21 and Dairy 30.

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*Dairy 34 and 36 are given in alternate years.

DAIRY 43—DAIRY CATTLE BREEDING—Semester 1 (2 and 2) 2 2/3 cr.
Prerequisite: Dairy 33.

DAIRY 48—THE NUTRITION OF DAIRY CATTLE—Semester 2 (2 and 3) 3 cr.
Prerequisite: Dairy 38.

DAIRY 51, 52—SEMINAR—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: Dairy 21 and Dairy 38 .

DRAWING

MR. KLUGH

MR. HARRIS MR. HODGE *MR. DOUGLASS MR. SHIGLEY
*MR. BRADBURY MR. CARTER

DRAWING 11—FREEHAND DRAWING—Semester 1 (0 and 2) 2/3 cr.

DRAWING 12—MECHANICAL DRAWING—Semester 2 (0 and 2) 2/3 cr.

DRAWING 13—ENGINEERING DRAWING—Semester 1 (0 and 4) 1 1/3 cr.

DRAWING 14—ENGINEERING DRAWING—Semester 2 (0 and 4) 1 1/3 cr.
Prerequisite: Drawing 13.

DRAWING 25—DRAWING DESIGN AND KINEMATICS—Semester 1 or 2 (0 and 4) 1 1/3 cr.
Prerequisite: Drawing 14.

DRAWING 28—STRUCTURAL DRAWING—Semester 1 or 2 (0 and 4) 1 1/3 cr.
Prerequisite: Drawing 14.

DRAWING 31—MACHINE DESIGN—Semester 1 (0 and 3) 1 cr.
Prerequisite: Drawing 25.

DRAWING 32—MACHINE DESIGN—Semester 2 (0 and 3) 1 cr.
Prerequisite: Drawing 31.

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*On military leave.

ECONOMICS

Mr. Ward *Mr. Burtner

Econ. 23, 24—Principles of Economics—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: Sophomore standing.

Econ. 31—The Economics of War—Semester 1 or 2 (3 and 0) 3 cr.
Prerequisite: Econ. 23 and 24.

Econ. 32—Money and Banking—Semester 2 (3 and 0) 3 cr.
Prerequisite: Econ. 23 and 24.

Econ. 44—Introduction to Business—Semester 2 (3 and 0) 3 cr.
Prerequisite: Economics 23 and 24, and permission of the instructor.

ELECTRICAL ENGINEERING

Mr. Rhodes

Mr. Tingley **Mr. Therkelsen Mr. Moseley Mr. Long

E. E. 22—Electric Circuits—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Concurrent with Phys. 22 and Math. 28 & 32.

E. E. 25—Engineering Problems—Semester 1 (0 and 2) 2/3 cr.
Prerequisite: Math. 11, 12, 14.

E. E. 31—Direct-Current Machinery—Semester 1 (5 and 0) 5 cr.
Prerequisite: Phys. 21, 22; Math. 27, 28, 32; E. E. 22.

E. E. 31a—Electrical Laboratory—Semester 1 (1 and 3) 2 cr.
Prerequisite: Must parallel or follow E. E. 31.

E. E. 32—Alternating-Current Circuits—Semester 2 (5 and 0) 5 cr.
Prerequisite: E. E. 31.

E. E. 32a—Electrical Laboratory—Semester 2 (1 and 3) 2 cr.
Prerequisite: E. E. 31. Must parallel or follow E. E. 32.

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*On leave.
**On military leave.

E. E. 33—Direct-Current Machinery—Semester 1 (4 and 0) 4 cr.
Prerequisite: Phys. 21, 22; Math. 21, 22.

E. E. 33a—Electrical Laboratory—Semester 1 (0 and 3) 1 cr.
Prerequisite: Must parallel or follow E. E. 33.

E. E. 34—Alternating-Current Circuits—Semester 2 (4 and 0) 4 cr.
Prerequisite: E. E. 33.

E. E. 34a—Electrical Laboratory—Semester 2 (0 and 3) 1 cr.
Prerequisite: Must parallel or follow E. E. 34.

E. E. 35—Electrical Machinery—Semester 1 or 2 (3 and 0) 3 cr.
Prerequisite: Phys. 11, 12 or Phys. 21, 22.

E. E. 35a—Electrical Laboratory—Semester 1 or 2 (0 and 2) 2/3 cr.
Prerequisite: Physics 11, 12 or Physics 21, 22.

E. E. 38—Vocational Electricity—Semester 2 (1 and 2) 1 2/3 cr.
Prerequisite: E. E. 35.

E. E. 41—Alternating-Current Machinery—Semester 1 (5 and 0) 5 cr.
Prerequisite: E. E. 31, 32.

E. E. 41a—Electrical Laboratory—Semester 1 (1 and 3) 2 cr.
Prerequisite: Must parallel or follow E. E. 41.

E. E. 42—Alternating-Current Machinery—Semester 2 (3 and 0) 3 cr.
Prerequisite: E. E. 41.

E. E. 42a—Electrical Laboratory—Semester 2 (1 and 3) 2 cr.
Prerequisite: E. E. 41, 41a.

E. E. 43—Alternating-Current Machinery—Semester 1 (3 and 0) 3 cr.
Prerequisite: E. E. 34.

E. E. 43a—Electrical Laboratory—Semester 1 (0 and 3) 1 cr.
Prerequisite: Must parallel or follow E. E. 43.

E. E. 44—Electric Power Transmission—Semester 2 (3 and 0) 3 cr.

Prerequisite: E. E. 41.

E. E. 45—Electrical Design—Semester 1 (0 and 3) 1 cr.
Prerequisite: E. E. 31.

E. E. 46—Electrical Design—Semester 2 (0 and 3) 1 cr.
Prerequisite: E. E. 41.

E. E. 47—Electronics—Semester 1 (2 and 0) 2 cr.
Prerequisite: E. E. 32 or E. E. 34.

E. E. 48—Radio Communication—Semester 2 (4 and 3) 5 cr.
Prerequisite: E. E. 47.

E. E. 49—Advanced Individual Problem—Semester 1 or 2 (2 and 0) 2 cr.

E. E. 50—Power Stations—Semester 2 (2 and 0) 2 cr.
Prerequisite: E. E. 41 or 43.

E. E. 52—Electrical Distribution—Semester 2 (2 and 0) 2 cr.

E. E. 54—Illumination—Semester 2 (2 and 0) 2 cr.
Prerequisite: E. E. 32 or 34.

E. E. 56—Electric Transients—Semester 2 (1 and 3) 2 cr.
Prerequisite: E. E. 32.

ENGLISH

MR. DANIEL—DEAN EMERITUS
MR. BRADLEY

MR. TAYLOR	MR. LANE	MR. KINARD	MR. J. C. GREEN
*MR. DEAN	*MR. COX	*MR. MCDOWELL	*MR. STEPHENS
*MR. ROSS	MR. C. B. GREEN		MR. MACINTOSH

ENGLISH 15, 16—COMPOSITION AND READING IN LITERATURE—Semesters 1 and 2 (3 and 0) 3 cr.

ENGLISH 21, 22—ENGLISH LITERATURE AND ADVANCED COMPOSITION—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: English 15 and 16.

ENGLISH 31—PUBLIC SPEAKING—Semester 1 or 2 (2 and 0) 2 cr.
Prerequisite: English 21 and 22.

ENGLISH 32—BUSINESS LAW—Semester 2 (2 and 0) 2 cr.
Prerequisite: English 21 and 22.

ENGLISH 43, 44—SHAKESPEARE—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: English 21 and 22.

ENGLISH 45—NEWS WRITING—Semester 1 (2 and 0) 2 cr.
Prerequisite: English 21 and 22.

ENGLISH 46—BUSINESS ENGLISH—Semester 2 (2 and 0) 2 cr.
Prerequisite: English 31 and 32.

ENGLISH 47, 48—CHAUCER—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: English 21 and 22.

ENGLISH 50—THESIS—Semester 1 (0 and 2) 2/3 cr.

ENGLISH 53, 54—INTRODUCTION TO DRAMA—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: English 21 and 22.

ENGLISH 57, 58—SELECTED MASTERPIECES FROM ENGLISH LITERATURE—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: English 21 and 22.

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*On military leave.

English 59, 60—American Literature—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: English 21 and 22.

*ENTOMOLOGY**

Mr. Sherman Mr. Dunavan

Ent. 31—Elementary and Economic Entomology—Semester 1 or 2 (2 and 3) 3 cr.
Prerequisite: Zool. 15.

Ent. 32—General Entomology—Semester 2 (2 and 3) 3 cr.
Prerequisite: Ent. 31.

Ent. 41—Economic Entomology—Semester 1 (2 and 2) 2 2/3 cr.
Prerequisite: Ent. 31.

Ent. 42—Economic Entomology—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Ent. 31.

Ent. 44—Beekeeping—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Ent. 31.

Ent. 45—Insect Morphology—Semester 1 (2 and 2) 2 2/3 cr.
Prerequisite: Ent. 31 and 32.

Ent. 46—Taxonomic Entomology—Semester 2 (1 and 3) 2 cr.
Prerequisite: Ent. 31 and 32.

Ent. 47—Parasitology—Semester 1 (2 and 2) 2 2/3 cr.
Prerequisite: Zoology 15 and Entomology 31.

Ent. 52—Seminar—Semester 2 (2 and 0) 2 cr.
Prerequisite: Ent. 31 and 32.

Ent. 59—Introduction to Research—Semester 1 (1 and 2) 1 2/3 cr.
Prerequisite: Ent. 31 and 32.

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*Students who major in Entomology are required to take certain courses in Zoology which are listed under that subject. See Zoology.

FRENCH

MR. RHYNE *MR. DEAN **MR. BRANDON

FRENCH 11, 12—BEGINNER'S FRENCH—Semesters 1 and 2 (3 and 0) 3 cr.

FRENCH 21, 22—SECOND-YEAR FRENCH—Semesters 1 and 2 (3 and 0) 3 cr.

FRENCH 31, 32—THIRD-YEAR FRENCH—Semesters 1 and 2 (2 and 0) 2 cr.

GEOLOGY AND MINERALOGY

MR. CALHOUN

GEOL. 21—AGRICULTURAL GEOLOGY—Semester 1 or 2 (3 and 0) 3 cr.

GEOL. 23, 24—GENERAL GEOLOGY—Semesters 1 and 2 (3 and 0) 3 cr.

GEOL. 33, 34—MINERALOGY—Semesters 1 and 2 (2 and 2) 2 2/3 cr. *Prerequisite*: Gen. Chem. 33.

GEOL. 42—METEOROLOGY—Semester 2 (2 and 0) 2 cr.

GEOL. 43—ENGINEERING GEOLOGY—Semester 1 (2 and 0) 2 cr.

GERMAN

MR. RHYNE

GERMAN 11, 12—BEGINNER'S GERMAN—Semesters 1 and 2 (3 and 0) 3 cr.

GERMAN 21, 22—SECOND-YEAR GERMAN—Semesters 1 and 2 (3 and 0) 3 cr.

GERMAN 31, 32—THIRD-YEAR GERMAN—Semesters 1 and 2 (2 and 0) 2 cr.

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*On military leave.
**On leave.

GOVERNMENT

MR. WARD

*MR. WALKER MR. EPTING MR. CROUCH MR. WAITE

Gov. 12—AMERICAN NATIONAL GOVERNMENT—Semester 1 or 2 (2 and 0) 2 cr.

Gov. 31—AMERICAN GOVERNMENT AND POLITICAL PARTIES—Semester 1 (3 and 0) 3 cr.
Not open to those who have had Government 12.

Gov. 32—STATE AND LOCAL GOVERNMENT—Semester 2 (3 and 0) 3 cr.
Prerequisite: Government 12 or 31 and permission of the instructor.

Gov. 43—INTERNATIONAL RELATIONS—Semester 1 or 2 (2 and 0) 2 cr.
Open only to seniors.

Gov. 44—COMPARATIVE GOVERNMENT—Semester 2 (3 and 0) 3 cr.
Prerequisite: Government 12 and permission of the instructor.

HISTORY

MR. HOLMES

MR. EPTING *MR. WALKER **MR. BURTNER

HISTORY 14—AMERICAN ECONOMIC HISTORY—Semester 1 or 2 (2 and 0) 2 cr.

HISTORY 31, 32—HISTORY OF CIVILIZATION—Semesters 1 and 2 (3 and 0) 3 cr.
Prerequisite: Open only to juniors and seniors.

HISTORY 42—THE DEVELOPMENT OF SOUTH CAROLINA—Semester 2 (2 and 0) 2 cr.
Prerequisite: Permission of the instructor.

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*On military leave.
**On leave.

HORTICULTURE

MR. MUSSER

MR. NEWMAN MR. BRIGHTWELL MR. VAN BLARICOM

HORT. 22—GENERAL HORTICULTURE—Semester 1 or 2 (2 and 3) 3 cr.

HORT. 31—PLANT PROPAGATION AND NURSERY MANAGEMENT—Semester 1 (2 and 3) 3 cr.
Prerequisite: Hort. 22.

HORT. 32—ELEMENTARY LANDSCAPE DESIGN—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Hort. 31.

HORT. 33—THE PRODUCTION OF HORTICULTURAL CROPS—Semester 1 (2 and 2) 2 2/3 cr.
Prerequisite: Hort. 22.

HORT. 41—SYSTEMATIC POMOLOGY AND SMALL FRUIT CULTURE—Semester 1 (2 and 2) 2 2/3 cr.
Prerequisite: Hort. 22.

*HORT. 43.—THE BREEDING OF HORTICULTURAL CROPS—Semester 1 (2 and 2) 2 2/3 cr.

HORT. 45—LANDSCAPE DESIGN—Semester 1 (1 and 3) 2 cr.
Prerequisite: Hort. 31.

HORT. 46—ADVANCED LANDSCAPE DESIGN—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Hort. 31, 32, and 45.

*HORT. 47—NUT CULTURE AND SPRAYS AND SPRAYING—Semester 1 (2 and 2) 2 2/3 cr.

HORT. 52—COMMERCIAL POMOLOGY—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Hort. 22.

HORT. 54—TRUCK CROPS—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Hort. 22.

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*Hort. 43 and Hort. 47 are given in alternate years.

HORT. 56—LANDSCAPE DESIGN—Semester 2 (1 and 3) 2 cr.
Prerequisite: Hort. 31, 43.

HORT. 58—FOOD PRESERVATION—Semester 2 (2 and 3) 3 cr.

HORT. 61-62—SPECIAL PROBLEMS—Semesters 1 and 2 (1 and 0) 1 cr.

MATHEMATICS

MR. MARTIN

MR. HUNTER MR. SHELDON MR. EDWARDS MR. LAGRONE
MR. COKER *MR. BELL *MR. KIRKWOOD MR. KELLY
*MR. MILLER MR. BREWSTER MR. STAPP
MR. BROWN MR. MILNER MR. STANLEY

A placement examination in mathematics will be required at the time of registration for all freshmen enrolling in the following courses:

Architecture
Agricultural Engineering
Chemistry
Chemistry-Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering
Industrial Physics
General Science
Pre-Medicine
Textile Chemistry and Dyeing
Textile Engineering

Freshmen found deficient in their knowledge of pre-college mathematics as determined by the placement examination will take Math. 13 the first semester and Math. 11 the second semester instead of the courses listed in their course of study. If a student has not completed all the required courses in freshman mathematics by the end of the freshman year, he is urged to make up this deficiency during the following summer.

Freshmen taking courses other than those listed above may elect to take Math. 11 the first semester and Math. 12 and 14 the second semester instead of the courses listed in their course of study provided they pass the placement examination in mathematics at the time of registration.

MATH. 11—TRIGONOMETRY—Semester 1 or 2 (5 and 0) 5 cr.
Prerequisite: A satisfactory knowledge of pre-college mathematics as determined by the placement examination, or Math. 13.

*On military leave.

MATH. 12—ANALYTIC GEOMETRY—Semester 1 or 2 (3 and 0) 3 cr.

Prerequisite: A satisfactory knowledge of pre-college mathematics as determined by the placement examination, or Math. 13.

MATH. 13—COLLEGE ALGEBRA—Semester 1 (5 and 0) 5 cr.

MATH. 14—COLLEGE ALGEBRA—Semester 2 (2 and 0) 2 cr.

Prerequisite: A satisfactory knowledge of pre-college mathematics as determined by the placement examination.

MATH. 21, 22—THE CALCULUS—Semesters 1 and 2 (5 and 0) 5 cr.

Prerequisite: Math. 11, 12 and either 13 or 14.

MATH. 23, 24—THE CALCULUS—Semesters 1 and 2 (3 and 0) 3 cr.

Prerequisite: Math. 11, 12 and either 13 or 14.

MATH. 25, 26—INDUSTRIAL MATHEMATICS—Semesters 1 and 2 (3 and 0) 3 cr.

For education students only.

MATH. 27, 28—THE CALCULUS—Semester 1 (5 and 0) 5 cr.
Semester 2 (3 and 0) 3 cr.

Prerequisite: Math. 11, 12 and either 13 or 14.

MATH. 32—ORDINARY DIFFERENTIAL EQUATIONS—Semester 2 (2 and 0) 2 cr.

MATH. 34—DIFFERENTIAL EQUATIONS—Semester 1 or 2 (3 and 0) 3 cr.

Prerequisite: Math. 21 and 22.

MATH. 36—MATHEMATICAL BASIS OF STATISTICS—Semester 2 (3 and 0) 3 cr.

Prerequisite: Math 11 and 13, junior standing.

MECHANICAL ENGINEERING

Mr. Earle		Mr. Fernow	
Mr. Curtis	*Mr. Sams	Mr. Freeman	Mr. Marshall
**Mr. Watson	*Mr. Wachter	*Mr. Martin	Mr. Sweeny
*Mr. Ambrose	*Mr. McMakin	Mr. Couch	Mr. Brock

M. E. 12—Forge and Foundry—Semester 1 or 2 (0 and 6) 2 cr.

M. E 17—Woodwork and Pattern Making—Semester 1 or 2 (0 and 6) 2 cr.

M. E. 22—Materials of Engineering—Semester 1 or 2 (2 and 0) 2 cr.

M. E. 23—Machine Shop—Semester 1 or 2 (0 and 6) 2 cr.
Prerequisite: Trigonometry, Mechanical Drawing.

M. E. 25, 26—Engineering Problems—Semesters 1 and 2 (0 and 3) 1 cr.
Prerequisite: Math. 11, 12, 14.

M. E. 30—Theory and Practice of Welding—Semester 2 (1 and 3) 2 cr.
Prerequisite: M. E. 12.

M. E. 31—Mechanics (Statics)—Semester 1 (3 and 0) 3 cr.
Prerequisite: Math. 21 and 22 or 27 and 28; Physics 21 and 22.

M. E. 31.5—Mechanics (Statics)—Semester 1 (3 and 0) 3 cr.
Prerequisite: Math. 21 or 23; Physics 11 and 12 or 21 and 22.

M. E. 32—Mechanics (Kinetics)—Semester 2 (3 and 0) 3 cr.
Prerequisite: M. E. 31.

M. E. 33—Mechanical Engineering—Semester 1 (3 and 0) 3 cr.
Prerequisite: Math. 21, 22; Physics 21 and 22 or 11 and 12.

M. E. 33a—Mechanical Laboratory—Semester 1 (0 and 2) 2/3 cr.
Prerequisite: Physics 21 and 22 or 11 and 12.

M. E. 34—Mechanical Engineering—Semester 2 (3 and 0) 3 cr.
Prerequisite: Math. 21 and 22; Physics 21 and 22 or 11 and 12.

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*On military leave.
**On leave.

M. E. 34a—Mechanical Laboratory—Semester 2 (0 and 2) 2/3 cr.
Prerequisite: Physics 21 and 22 or 11 and 12.

M. E. 35—Power Plants—Semester 1 or 2 (3 and 0) 3 cr.
Prerequisite: Math. 21 and 22; Physics 21 and 22.

M. E. 35a—Mechanical Laboratory—Semester 1 (0 and 3) 1 cr.
Prerequisite: M. E. 35 or registration in M. E. 35.

M. E. 36—Thermodynamics—Semester 2 (3 and 0) 3 cr.
Prerequisite: M. E. 35.

M. E. 36a—Mechanical Laboratory—Semester 2 (0 and 3) 1 cr.
Prerequisite: M. E. 35a and registration in M. E. 36.

M. E. 36b—Mechanical Laboratory—Semester 2 (0 and 3) 1 cr.
Prerequisite: M. E. 35 or registration in M. E. 35.

M. E. 38—Industrial Engineering—Semester 2 (2 and 0) 2 cr.
Prerequisite: M. E. 23.

M. E. 39—Metallurgy—Semester 1 or 2 (2 and 0) 2 cr.
Prerequisite: G. Ch. 11 and 12; M. E. 12 and M. E. 23. (Suggested: One year of Physics.)

M. E. 41—Power Plants—Semester 1 (2 and 0) 2 cr.
Prerequisite: M. E. 35, 36.

M. E. 41a—Power Plant Laboratory—Semester 1 (0 and 3) 1 cr.
Prerequisite: M. E. 35, 36, and 36b.

M. E. 42—Hydraulics—Semester 2 (3 and 0) 3 cr.
Prerequisite: M. E. 32.

M. E. 42a—Hydraulic Laboratory—Semester 1 or 2 (0 and 2) 2/3 cr.
To accompany M. E. 42.

M. E. 42.5—Hydraulics—Semester 2 (2 and 0) 2 cr.
Prerequisite: M. E. 32.

M. E. 43—Power Plants—Semester 1 (3 and 0) 3 cr.
Prerequisite: M. E. 35, 36.

M. E. 43a—Power Plant Laboratory—Semester 1 (1 and 3) 2 cr.
Prerequisite: M. E. 35a, 36a and registration in M. E. 43.

M. E. 44—Power Plants—Semester 2 (3 and 0) 3 cr.
Prerequisite: M. E. 43.

M. E. 44a—Power Plant Laboratory—Semester 2 (1 and 3) 2 cr.

M. E. 45—Gas Engines—Semester 1 (2 and 0) 2 cr.
Prerequisite: M. E. 35, 36.

M. E. 45a—Gas Engine Design—Semester 1 (0 and 3) 1 cr.
Prerequisite: Drawing 25; M. E. 35, 36.

M. E. 46—Steam Turbines—Semester 2 (2 and 0) 2 cr.
Prerequisite: M. E. 35, 36.

M. E. 46a—Steam Turbine Design—Semester 2. (0 and 3) 1 cr.
Prerequisite: Drawing 25; M. E. 35, 36; registration in M. E. 46.

M. E. 47—Heating and Ventilation—Semester 1 (2 and 0) 2 cr.
Prerequisite: M. E. 35.

M. E. 47a—Heating and Ventilation Design—Semester 1 (0 and 3) 1 cr.

M. E. 48—Heating and Ventilation—Semester 2 (2 and 0) 2 cr.
Prerequisite: M. E. 47.

M. E. 48a—Heating and Ventilation Design—Semester 2 (0 and 3) 1 cr.

M. E. 49—Mechanics of Materials—Semester 1 (3 and 0) 3 cr.
Prerequisite: M. E. 31.

M. E. 50—Aerodynamics—Semester 2 (2 and 0) 2 cr.
Prerequisite: M. E. 31 and approval of instructor.

M. E. 51—Refrigeration—Semester 1 or 2 (2 and 0) 2 cr.
Prerequisite: M. E. 35.

MILITARY SCIENCE

COLONEL W. A. CUNNINGHAM

CAPT. L. S. GRIFFITH	SERGEANT K. R. HELTON
CAPT. R. ERNESTI	SERGEANT G. CANNON
CAPT. F. W. TERWILLIGER	SERGEANT J. EPPLEY
LIEUT. M. J. GRIFFIN	SERGEANT T. H. PASCHALL
LIEUT. J. D. HARNEY	CORPORAL L. A. ETZBERGER

M. S. 11, 12—MILITARY SCIENCE AND TACTICS—Semesters 1 and 2 (1 and 2) 1 2/3 cr.

M. S. 21, 22—MILITARY SCIENCE AND TACTICS—Semesters 1 and 2 (1 and 2) 1 2/3 cr.
Prerequisite: M. S. 12.

M. S. 31, 32—MILITARY SCIENCE—Semesters 1 and 2 (0 and 2) 2/3 cr.

M. S. 33, 34—MILITARY SCIENCE AND TACTICS—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: M. S. 22.

M. S. 41, 42—MILITARY SCIENCE—Semesters 1 and 2 (0 and 2) 2/3 cr.

M. S. 43, 44—MILITARY SCIENCE AND TACTICS—Semesters 1 and 2 (2 and 0) 2 cr.
Prerequisite: M. S. 34.

M. S. 45, 46—MILITARY HISTORY—Semesters 1 and 2 (2 and 0) 2 cr.

PHYSICS

*MR. BROWN	MR. HENDRICKS	
MR. GODFREY	MR. REED	**MR. HUFF
*MR. MENIUS	MR. MITCHELL	MR. SHACKELFORD

PHYSICS 11, 12—GENERAL PHYSICS—Semesters 1 and 2 (3 and 0) 3 cr.
Prerequisite: Algebra, through quadratics; Plane Geometry.

PHYSICS 15, 16—GENERAL PHYSICS LABORATORY—Semesters 1 and 2 (0 and 3) 1 cr.
This course must be taken with Physics 11 and 12.

*On leave.
**On military leave.

PHYSICS 21, 22—GENERAL PHYSICS—Semesters 1 and 2 (4 and 0) 4 cr.
Prerequisite: Math. 11 and either 13 or 14.

PHYSICS 23, 24—LABORATORY PHYSICS—Semesters 1 and 2 (0 and 3) 1 cr.
This course must be taken with Physics 21 and 22.

PHYSICS 31—INTRODUCTION TO MODERN PHYSICS—Semester 1 (3 and 0) 3 cr.
Prerequisite: General Physics.

PHYSICS 32—DESCRIPTIVE ASTRONOMY—Semester 1 or 2 (2 and 0) 2 cr.
Prerequisite: General Physics.

PHYSICS 33—SOUND AND ACOUSTICS—Semester 1 (2 and 0) 2 cr.
Prerequisite: General Physics.

PHYSICS 34—HEAT AND KINETIC THEORY—Semester 2 (2 and 0) 2 cr.
Prerequisite: General Physics.

PHYSICS 34a—EXPERIMENTAL HEAT—Semester 2 (1 and 6) 3 cr.
Pre- or co-requisite: Physics 34.

PHYSICS 35—MECHANICS AND PROPERTIES OF MATTER—Semester 1 (2 and 0) 2 cr.
Prerequisite: General Physics.

PHYSICS 35a—EXPERIMENTAL MECHANICS—Semester 1 (1 and 6) 3 cr.
Pre- or co-requisite: Physics 35.

PHYSICS 36—LIGHT—Semester 2 (2 and 0) 2 cr.
Prerequisite: General Physics.

PHYSICS 36a—EXPERIMENTAL LIGHT—Semester 2 (1 and 6) 3 cr.
Pre- or co-requisite: Physics 36.

PHYSICS 37—MAGNETISM AND ELECTRICITY—Semester 1 (2 and 0) 2 cr.
Prerequisite: General Physics; Differential and Integral Calculus.

PHYSICS 37a—EXPERIMENTAL ELECTRICITY—Semester 1 (1 and 6) 3 cr.
Pre- or co-requisite: Physics 37.

PHYSICS 42—ATOMIC AND NUCLEAR PHYSICS—Semester 2 (3 and 0) 3 cr.
Prerequisite: Physics 31.

PHYSICS 44—INTRODUCTION TO THEORETICAL PHYSICS—Semester 2 (3 and 0) 3 cr.
Prerequisite: Mathematics 21 and 22, Physics 11 and 12 or Physics 21 and 22, and one other course in Physics.

POULTRY HUSBANDRY

MR. MORGAN

P. H. 32—FARM AND COMMERCIAL POULTRY PRODUCTION—Semester 1 or 2 (2 and 3) 3 cr.

P. H. 41—POULTRY JUDGING AND BREEDING—Semester 1 (2 and 2) 2 2/3 cr.
Prerequisite: Poultry Husbandry 32 and Genetics.

P. H. 42—POULTRY PRODUCTION AND MANAGEMENT—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Poultry Husbandry 32.

PSYCHOLOGY

MR. WAITE

PSYCHOLOGY 35—PSYCHOLOGY FOR TEACHERS—Semesters 1 and 2 (3 and 0) 3 cr.
Prerequisite: Junior standing.

PSYCHOLOGY 36—SOCIAL PSYCHOLOGY—Semester 2 (3 and 0) 3 cr.
Prerequisite: Psychology 35.

*RELIGION**

MR. CROUCH MR. HARDIN

RELIGION 21, 22—OLD TESTAMENT—Semesters 1 and 2 (2 and 0) 2 cr.
Free elective for sophomores. Others admitted by permission.

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*This work is not financed by the College; it is offered as free elective.

RELIGION 23, 24—LIFE OF CHRIST—Semesters 1 and 2 (2 and 0) 2 cr.
Free elective for sophomores. Others admitted by permission.

RELIGION 31, 32—NEW TESTAMENT OUTLINE—Semesters 1 and 2 (2 and 0) 2 cr.
Free elective for juniors. Others admitted by permission.

SOCIOLOGY

*MR. BURTNER MR. WAITE

SOCIOLOGY 31—ELEMENTARY SOCIOLOGY—Semester 1 or 2 (2 and 0) 2 cr.
Prerequisite: Junior standing.

SOCIOLOGY 41—SOCIAL PROBLEMS—Semester 1 (2 and 0) 2 cr.
Prerequisite: Sociology 31 and permission of the instructor.

SOCIOLOGY 42—THE FAMILY—Semester 2 (2 and 0) 2 cr.
Prerequisite: Sociology 31 and permission of the instructor.

SPANISH

*MR. BRANDON

SPANISH 11, 12—BEGINNER'S SPANISH—Semesters 1 and 2 (3 and 0) 3 cr.

SPANISH 21, 22—SECOND-YEAR SPANISH—Semesters 1 and 2 (3 and 0) 3 cr.

SPANISH 31, 32—THIRD-YEAR SPANISH—Semesters 1 and 2 (2 and 0) 2 cr.

TEXTILE CHEMISTRY AND DYEING

MR. LINDSAY **MR. HUCKABEE **MR. HICKS

T. C. 31, 32—TEXTILE CHEMISTRY—Semesters 1 and 2 (2 and 2) 2 2/3 cr.
Prerequisite: Gen. Chem. 13 and 14.

*On leave.
**On military leave.

T. C. 35, 38—Textile Chemistry—Semesters 1 and 2 (4 and 3) 5 cr.
Prerequisite: Gen. Chem. 13 and 14; An. Chem. 21 and 22.

T. C. 39, 40—Dyeing—Semesters 1 and 2 (0 and 2) 2/3 cr.

T. C. 41, 42—Textile Chemistry and Dyeing—Semesters 1 and 2 (2 and 2) 2 2/3 cr.
Prerequisite: Textile Chemistry 32, 38.

T. C. 41.5, 42.5—Textile Chemistry and Dyeing — Semesters 1 and 2 (4 and 4) 5 1/3 cr.
Prerequisite: Textile Chemistry 35 or Org. Chemistry 22.

T. C. 43—Cellulose Chemistry—Semester 1 (2 and 0) 2 cr.
Prerequisite: Textile Chemistry 35.

T. C. 45, 46—Analysis of Textile Materials—Semesters 1 and 2 (1 and 3) 2 cr.
Prerequisite: Anal. Chemistry 22 and Textile Chemistry 38.

T. C. 48—Synthetic Fiber Chemistry—Semester 2 (2 and 0) 2 cr.
Prerequisite: Cellulose Chemistry.

T. C. 50, 51—Thesis—Semesters 1 and 2 (0 and 3) 1 cr.

TEXTILE MANAGEMENT

Mr. Eaton Mr. Campbell *Mr. Hicks

T. M. 41, 42—Textile Costing—Semester 1 (1 and 2) 1 2/3 cr., Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: Open to juniors and seniors in the Textile School.

T. M. 43—Textile Organization and Personnel Problems—Semester 1 (1 and 0) 1 cr.

T. M. 44—Textile Management—Semesters 1 or 2 (2 and 0) 2 cr.
Prerequisite: At least one textile course, preferably T. M. 41 and 42.

T. M. 46—Textile Testing and Research—Semester 2 (1 and 0) 1 cr.

*On military leave.

T. M. 48—Textile Microscopy—Semester 1 or 2 (1 and 1) 1 1/3 cr.

T. M. 50—Textile Machinery and Manufacturing—Semester 1 or 2 (2 and 3) 3 cr.

For seniors majoring in all courses in Engineering and in Industrial Physics.

VETERINARY SCIENCE

Mr. Feeley

V. S. 41—Anatomy and Physiology—Semester 1 (2 and 2) 2 2/3 cr.

V. S. 42—Diseases of Animals—Semester 2 (2 and 2) 2 2/3 cr.

VOCATIONAL EDUCATION

*Mr. Washington

Mr. Crandall Mr. Monroe *Mr. Bowen *Mr. Booker
*Mr. Tate Mr. Stribling Mr. Kirkley **Mr. Brock
*Mr. White *Mr. Burns Mr. Duncan

EDUCATION

V. Ed. 11—Orientation—Semester 1 (1 and 0) 1 cr..

V. Ed. 21—Introduction to Education—Semester 1 or 2 (2 and 0) 2 cr.

V. Ed. 35—Psychology for Teachers—Semester 1 (3 and 0) 3 cr. (See Psychology 35.)

V. Ed. 37—Rural and Village School Problems—Semester 1 (3 and 0) 3 cr.

V. Ed. 39—Principles of Secondary Education—Semester 1 (3 and 0) 3 cr.

V. Ed. 45—Teaching Science—Semester 2 (3 and 0) 3 cr.

V. Ed. 46—Technique of Teaching—Semester 2 (3 and 0) 3 cr.

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*On military leave.
**On leave.

V. Ed. 47—History and Philosophy of Education—Semester 2 (2 and 0) 2 cr.

V. Ed. 49.5—Leadership in Community Recreation — Semester 1 or 2 (2 and 3) 3 cr.

V. Ed. 51, 52—Practice Teaching in High School Subjects—Semesters 1 and 2 (0 and 6) 3 cr.

V. Ed. 56—Educational and Vocational Guidance—Semester 2 (3 and 0) 3 cr.

V. Ed. 58—High School Coaching—Semester 2 (2 and 0) 2 cr.

V. Ed. 59—Administration of Vocational and Other Schools—Semester 1 (2 and 0) 2 cr.

V. Ed. 100—Special Problems in Education—Semester 1 or 2 1-6 cr. (Enrollment by individual permission.)

Students who enter this course are required to provide their own transportation in connection with field work.

INDUSTRIAL EDUCATION

*Mr. Tate **Mr. Brock *Mr. Burns *Mr. Booker

V. Ed. 22—Introduction to Vocational Education—Semester 2 (1 and 0) 1 cr.

V. Ed. 28—Observation of Industrial Teaching—Semester 2 (0 and 3) 1 cr.

V. Ed. 32—Organization of Trade and Industrial Courses of Study—Semester 2 (3 and 0) 3 cr.

V. Ed. 33.5, 34.5—Art Metal Work—Semesters 1 and 2 (1 and 3) 2 cr.

V. Ed. 38—Teaching of Drawing—Semester 2 (2 and 2) 3 cr.
Prerequisite: Drawing 14 (or equivalent).

*On military leave.
**On leave.

V. Ed. 43, 44—Practice Teaching in Trade and Industrial Subjects Semesters 1 and 2 (0 and 10) 5 cr.

V. Ed. 53—Practice Teaching in Evening Classes—Semesters 1 and 2 (0 and 2) 1 cr.

V. Ed. 55—Coordination Methods in Vocational Education—Semester 1 (2 and 0) 2 cr.

V. Ed. 60—Coordinating Cooperative Vocational Education—Semester 2 (1 and 3) 2 cr.

V. Ed. 61, 62—Industrial Laboratory—Semesters 1 and 2 (0 and 6) 2 cr.

VOCATIONAL AGRICULTURAL EDUCATION

	Mr. Crandall	
*Mr. White	Mr. Stribling	Mr. Monroe
*Mr. Bowen	Mr. Duncan	Mr. Kirkley

V. Ag. Ed. 22—Introduction to Agricultural Education—Semester 2 (1 and 0) 1 cr.

V. Ag. Ed. 30—Educational Psychology for Teachers of Agriculture—Semester 1 or 2 (3 and 0) 3 cr.

This course is offered each semester for Vocational Agricultural Education juniors who are not enrolled in Voc. Ag. Ed. 31a and 31b.

V. Ag. Ed. 31a—Principles of Agricultural Education—Semester 1 or 2 (2 and 0) 2 cr.

This course is offered each semester for Vocational Agricultural Education juniors who are enrolled in Voc. Ag. Ed. 31b.

V. Ag. Ed. 31b—Introduction to Agricultural Education—Semester 1 or 2 (0 and 6) 2 cr.

This course is offered each semester to Vocational Agricultural Education juniors who are enrolled in Voc. Ag. Ed. 31a.

*On military leave.

V. Ag. Ed. 41a—Practice Teaching in All-day Instruction in Agriculture—Semester 1 or 2 (0 and 9) 3 cr.

This course is offered each semester to Vocational Agricultural Education seniors who are not enrolled in Voc. Ag. Ed. 41b.

V. Ag. Ed. 41b—Practice Teaching in Part-time and Evening-class Instruction in Agriculture—Semester 1 or 2 (0 and 12) 4 cr.

This course is offered each semester to Vocational Agricultural Education seniors who are not enrolled in Voc. Ag. Ed. 41a.

V. Ag. Ed. 41, 42—Methods in Agricultural Education—Semesters 1 and 2 (2 and 0) 2 cr.

These courses are offered for all Vocational Agricultural Education seniors.

V. Ag. Ed. 100—Special Problems in Agricultural Education—Semester 1 or 2, 1—6 cr. (Enrollment by individual permission.)

WEAVING AND DESIGNING

Mr. McKenna

Mr. Cartee *Mr. Tarrant Mr. Williams *Mr. Walters

W. D. 12—Textiles—Semester 1 or 2 (1 and 2) 1 2/3 cr.

W. D. 21—Elementary Design—Semester 1 (2 and 2) 2 2/3 cr.
Suggested Preliminary Course: W. D. 12.

W. D. 22—Advanced Design—Semester 2 (2 and 2) 2 2/3 cr.
Prerequisite: W. D. 21.

W. D. 23—Weaving—Semester 1 (0 and 3) 1 cr.
Prerequisite: W. D. 12.

W. D. 24—Weaving—Semester 2 (0 and 2) 2/3 cr.
Prerequisite: W. D. 23.

W. D. 26—Weave Room Problems—Semester 1 or 2 (2 and 0) 2 cr.
Prerequisite: W. D. 12.

*On military leave.

W. D. 31—Dobby Design—Semester 1 (2 and 0) 2 cr.
Prerequisite: W. D. 21.

W. D. 32—Advanced Dobby Design—Semester 2 (2 and 0) 2 cr.
Prerequisite: W. D. 31.

W. D. 33, 34—Fabric Analysis—Semesters 1 and 2 (0 and 2) 1 cr.
Prerequisite: W. D. 12. (Suggested: W. D. 21 and 22.)

W. D. 35—Fancy Loom Fixing—Semester 1 (0 and 2) 2/3 cr.

W. D. 36—Fancy Loom Fixing—Semester 2 (0 and 2) 2/3 cr.
Prerequisite: W. D. 23 and 24. (Suggested: W. D. 35.)

W. D. 37—Rayon Processing—Semester 1 (1 and 2) 1 2/3 cr.
Prerequisite: Open to juniors and seniors in the Textile School.

W. D. 41—Jacquard Weaving—Semester 1 or 2 (1 and 2) 1 2/3 cr.

W. D. 42—Jacquard Design—Semester 2 (1 and 2) 1 2/3 cr.

W. D. 44—Leno Design and Warp Preparation—Semester 2 (1 and 2) 1 2/3 cr.
Prerequisite: W. D. 31, 33, and 34.

W. D. 45, 46—Pattern Weaving—Semesters 1 and 2 (0 and 2) 2/3 cr.

W. D. 48—Knitting—Semester 2 (0 and 2) 2/3 cr.
Open to juniors and seniors in the Textile School.

YARN MANUFACTURING

Mr. Eaton

Mr. Blair Mr. Gage Mr. Campbell Mr. Thomson

Y. M. 11—The Textile Industry—Semester 1 or 2 (1 and 2) 1 2/3 cr.

Y. M. 21—Pickers—Semester 1 or 2 (1 and 2) 1 2/3 cr.

Y. M. 22—Cards and Drawing Frames—Semester 1 or 2 (1 and 2) 1 2/3 cr.

Y. M. 23—Mill Problems—Semester 1 or 2 (2 and 0) 2 cr.

Y. M. 28—Cotton Grading—Semester 1 or 2 (0 and 2) 2/3 cr.

Y. M. 31.—Roving Frames—Semester 1 or 2 (2 and 2) 2 2/3 cr.

Y. M. 34—Spinning, Spooling, and Twisting—Semester 1 or 2 (2 and 3) 3 cr.
Suggested Preliminary Course: Y. M. 31.

Y. M. 42—Combers, Sliver and Ribbon Lappers—Semester 1 or 2 (1 and 2) 1 2/3 cr.

*ZOOLOGY**

Mr. Sherman

Mr. Dunavan Mr. Ware

Zool. 15—General Zoology—Semester 1 or 2 (3 and 3) 4 cr.

Zool. 33, 34—Advanced Zoology—Semesters 1 and 2 (2 and 2) 2 2/3 cr.
Prerequisite: Zool. 15.

Zool. 48—Introduction to Game Management—Semester 2 (2 and 0) 2 cr.
Prerequisite: Zool. 15.

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*See also Entomology. Students who major in the Entomology and Zoology Department are required to take several courses in Entomology in addition to those listed under Zoology.

PART VI—PUBLIC SERVICE

*THE SOUTH CAROLINA AGRICULTURAL EXPERIMENT STATION**

The Agricultural Experiment Station of South Carolina is a department of Clemson College. The experiment station at present consists of the main station, which is located at Clemson, and five sub-stations: one at Summerville, in the coastal plain region; one at Florence, in the Pee Dee section; one at Pontiac, near Columbia, in the sand hill region; one in the trucking section near Charleston; and one in Barnwell county in the melon-growing area. The main offices and laboratories of the station are located on the Clemson College campus, while the station experiment farm, consisting of about 200 acres, is east of and adjoining the College campus. The investigations dealing with the fundamental principles of agricultural science and with the application of such principles to practical agricultural operations are carried on in the laboratories and on the experiment station farm at Clemson. The experiments looking to the adaptation of such scientific data accumulated here and elsewhere to the conditions peculiar to certain sections of the State are carried on at the sub-stations and at branch laboratories established in certain sections of the State for this purpose.

It is the aim of the experiment station to conduct research work on problems which have a direct practical bearing on the agriculture of the State. With this end in view extensive experiments relative to the best methods of procedure under various conditions with the principal plants and animals have been undertaken. Economic and social problems are likewise being investigated. As progress is made the results obtained are given out to farmers in the form of bulletins, circulars, and personal letters. Since the establishment of the station, 358 such bulletins and 68 circulars have been published, covering practically all phases of agriculture.

Aside from the research work and the publication of results obtained from such research, the experiment station performs

*The experiment station staff is given on page 24.

various other duties. Among these might be mentioned the entomological and pathological inspection work (which aims to protect the farms, orchards, and gardens of the State against the introduction of injurious insects and diseases); the biological and soil survey of the State, and the cooperative experimental work carried on with hundreds of farmers in the State. The technically trained experts of the station staff are regarded as authorities in their several specialties, and they are constantly giving out information relating to the various lines of agricultural endeavor. The station staff also aids in disseminating agricultural knowledge by cooperating with the Extension Service of the College in holding agricultural meetings and conferences and by meeting with the farm demonstration agents and giving to them technical information which they in turn carry direct to the farmers.

Close cooperation is maintained with the various research bureaus of the United States Department of Agriculture and with the departments of the College. The laboratories are always open to inspection by students and other people of the State. The same is true of the experiment station farm. There is always opportunity for a limited number of students to secure work in the various divisions of the station and to assist in the research work carried on by the members of the station staff.

Home economics research is carried on in cooperation with Winthrop College at Rock Hill. This work is designed to secure additional information on economic, social, and health factors influencing the home and living conditions of rural people.

Close cooperation is maintained between the home economics research department, the teaching and extension workers in this field, and the clubs and societies engaged in the promotion of better rural homes.

A full report of the work and expenditures of the Experiment Station is published annually and this report and all other publications of the station are free and will be sent on request. (Requests for these should be addressed to the Director, Agricultural Experiment Station, Clemson, S. C.)

FERTILIZER INSPECTION AND ANALYSIS

The work of fertilizer inspection and analysis is under the supervision of the Fertilizer Board of Control consisting of a Committee of the Board of Trustees. The work of inspection and analysis is a department of the Agricultural Experiment Station. District Inspectors are located in different parts of the State. Their duties are to collect official fertilizer samples for analysis and check on the tagging and labelling of all fertilizer material.

The chemical work consists of the analysis of commercial fertilizers as provided for by the Fertilizer Law of the State. This Department also undertakes the analysis of waters, ores, minerals, and other naturally occurring materials, portions of human bodies in cases of suspected poisoning (as provided by law), and the analysis of home-mixed fertilizers. All the work of this Department is done without charge.

*THE AGRICULTURAL EXTENSION SERVICE**

The agricultural extension work of the College is carried on by the Extension Service in cooperation with the United States Department of Agriculture. The work is supported by federal, state, and county appropriations. The main development of extension work has come since the enactment of the Federal Smith-Lever Act of 1914. The purpose of extension work is to diffuse among farm people useful and practical information on subjects related to agriculture and the farm home, and, through demonstrations and other practical methods, to stimulate the application of such information by farm people.

Agricultural Extension Work:—Under an Act of the Legislature in 1929, each county in the State has a county farm agent. These agents are agricultural college graduates who have had practical farm experience. They devote their time to the development of the agriculture of their respective counties through farm visits, demonstrations, personal conferences, meetings, community organizations, publications, letters, and otherwise. A staff of ex-

*The extension staff is given on pages 29 to 35.

tension specialists representing the important lines of agriculture in the State assists the county agents in planning and carrying out the extension program.

Home Demonstration Work:—While home demonstration work is a part of the cooperative program of extension work under the Smith-Lever Act, and is under the general direction of the Extension Service, this work is conducted under the immediate supervision of Winthrop College. Every county is provided with a home demonstration agent by legislative enactment, and these agents conduct educational demonstration work with farm women and girls in the production, preparation, and conservation of the family food supply, home marketing, home improvement, clothing, home furnishings and home management, nutrition, community organization, and other farm home activities.

Negro Demonstration Work:—Nineteen negro agricultural agents and 15 negro home demonstration agents are employed to work with negro farmers of the State in counties having large negro populations. These agents are employed in cooperation with the State College at Orangeburg, where the supervising agents for this work are located.

Agricultural Economics and Farm Management:—The extension program in agricultural economics and farm management is directed toward a wider dissemination among farm people of economic information, including the results of research work and farm experience, that may be useful to them in planning and conducting their farm businesses. This program includes outlook and economic information, the analysis of farm and home accounts and enterprise records on crops and livestock, kept by farm people with the aid of extension workers, county program planning work, land use planning work, and other activities in this field.

Agricultural Engineering:—Extension work in agricultural engineering includes mainly educational work with farm people in the proper terracing and drainage of farm lands, the efficient use of farm machinery and equipment, plans for farm buildings and other farm structures, improved cotton ginning methods, the utilization of electric power on the farm, and farm water systems.

Field Crops:—Extension work with farm people on field crops includes educational demonstration work in the efficient production of high quality cotton, corn, tobacco, small grains, summer and winter legumes, hay crops, and other crops that are of importance to South Carolina farmers as sources of income and also food and feed.

Livestock:—Extension work in this project includes demonstrations in efficient livestock production, including the use of pure-bred sires, hog-feeding demonstrations, swine sanitation demonstrations, beef cattle, sheep and mule production, cooperative marketing of livestock, 4-H pig and beef calf club work, and the preservation of the farm meat supply.

Dairying:—Extension work in dairying includes work with farm people in placing and encouraging the use of purebred sires, dairy herd management, care and handling of milk, pastures and feed production, 4-H dairy calf club work, the marketing of dairy products and dairy cattle, the use of dairy equipment, and the feeding and management of the family cow.

Crop Insects and Diseases:—Crop insects and diseases take a heavy toll on the farms of South Carolina every year. The extension program in this line includes educational demonstration work in the prevention and control of crop diseases, crop insects, and work with beekeepers.

Forestry:—The extension program in farm forestry is directed toward the conservation, proper utilization, and efficient marketing of the farm forestry resources in the State. This program includes educational demonstration work in reforestation, thinning, pruning, selective cutting, fire protection, and timber estimating.

Boys' 4-H Club Work:—Agricultural clubs of farm boys are organized for the purpose of enlisting the intelligent interest of the boys and their parents in improved methods of agriculture. This program includes the organization of 4-H clubs, supervision of 4-H club demonstrations of crops and livestock production and checking the results, training 4-H judging and demonstration teams, leadership, and citizenship training, and holding 4-H club camps, tours, and recreational meetings.

Horticulture:—Extension work with farm people along horticultural lines includes mainly demonstration work in home orchard establishment and management, commercial peach and apple production, home gardens, the production of commercial truck crops, and sweet potato production. The emphasis is placed upon the efficient production of quality products both for home use and for the market.

Marketing:—Since the efficient marketing of farm products cannot be wholly separated from production, much of the time of all extension workers is devoted to assisting farm people with their marketing problems. This program includes assistance in the organization and operation of cooperative marketing associations, cooperation with auction markets, supervision of the federal-state shipping point inspection service for fruits and vegetables, demonstrations in grading and packing farm products, all of which is connected with the work of the Extension Service in aiding farm people to produce the varieties and quality of farm products that can be sold on the markets in this State and in other states.

Poultry:—The extension program of poultry demonstration work includes demonstration poultry and turkey flocks, the brooding and rearing of chicks, disease and parasite control, the construction of poultry houses and the use of poultry equipment, the development of poultry breeding flocks, 4-H poultry club work, and the marketing of surplus poultry and eggs from the farms of the State.

Publications and News:—The extension program of publications and news includes the preparation, editing and distribution of agricultural bulletins, news material and circulars, both from the College, and from the offices of the county agents and home demonstration agents. Mimeographed news articles and special news stories of agricultural interest are supplied to the newspapers of the State, and to the Associated Press. Monthly letters or printed circulars on poultry, orchards, gardening, dairying, and boy's 4-H club work are mailed free of charge to those persons especially interested in these subjects. Bulletins covering the important lines of farm activity in the State are prepared and made available to farm people who desire such information.

Visual Instruction—The extension program of visual instruction includes the production and showing of educational motion pictures, film strips, and slides on agricultural and home economics subjects, and the production of photographs, charts, maps, and other visual educational material.

Other Activities:—The Extension Service represents the Clemson Agricultural College, which is the Land Grant College of the State, in conducting the educational work among farm people in connection with agricultural programs of the Federal government, such as the Agricultural Adjustment program, the Soil Conservation program, the Rural Electrification program, the Tennessee Valley Authority program, Farm Credit, and others. In addition, war effort programs, which involve the organization of agricultural resources for national defense, and other emergency programs of this nature are organized and conducted by the Extension Service. The organization and conduct of the Better Farm Living program on a state, county and community basis, in cooperation with farm people of the State, is also the responsibility of the Extension Service.

THE ENGINEERING EXPERIMENT STATION

A majority of the Land Grant Colleges of the United States have established engineering experiment stations, and these have proved of great value in aiding industrial and engineering developments in the various states.

The engineering experiment station of the Clemson Agricultural College was established by the Board of Trustees in July, 1924.

Its purpose is to aid the present industries in the State to do research work on the material resources of the State with a view of leading to the establishment of new industries, to study methods of utilizing waste products, etc.

In addition to serving the industries of the State and helping to solve engineering problems for the agricultural interests, it is hoped, in cooperation with the stations of other states, to add to the store of scientific and engineering knowledge. The

staff consists of well-trained men from the various schools and departments of the College. The laboratories of the several departments of engineering, as well as others, are available for the use of the station in its investigation.

The results of all investigations are to be published in the form of bulletins and circulars to be distributed free to all who may be interested. Copies of publications may be secured by applying to the Director of Engineering Experiment Station, Clemson, South Carolina.

RESEARCH IN EDUCATION

While members of the Education staff have conducted a number of research projects in the past, no definite research organization for educational research existed prior to 1936, at which time the research activities of the School of Vocational Education were organized. A grant from the General Education Board and the support of the College made possible the initiation of this program. Provisions were made for cooperative research in Vocational Agriculture with the State Supervisor of Agriculture in the expansion of that work under the George-Deen Act. When the largest single expenditure of funds is involved, and when the largest number of any single enterprise is involved, it seems but natural that progressive educational programs should include a comprehensive effort in research. Clemson hopes through this work to help advance the cause of education along appropriate lines.

*LIVESTOCK SANITARY WORK**

The function of the Livestock Sanitary Department is to assist livestock owners in the control and eradication of contagious, infectious and communicable diseases of livestock and poultry. When requested, investigations are made, and when necessary, assistance is rendered in the treating of livestock. Advice is also given for the control and eradication of diseases. In cooperation with the Federal Government and other States, this department

*Livestock Sanitary Work staff is given on page 27.

maintains quarantine measures to prevent, so far as possible, the introduction of diseased livestock into the State.

This department of the College maintains a fully equipped laboratory in Columbia for the purpose of making diagnoses which cannot always be made in the field; and as a result of these examinations, rational methods of treatment are recommended to livestock owners.

While the main office of this department is in Columbia, Assistant State Veterinarians are located in various sections of the State where their services may be obtained on short notice upon request.

In addition to the regular force of veterinarians directly connected with the Columbia office, practicing veterinarians are commissioned as Deputy State Veterinarians and assist in the control and eradication of contagious and infectious diseases of livestock. At present there are forty-four veterinarians so commissioned, and their locations are such that the Clemson College Livestock Sanitary Department is in position to render prompt service to livestock owners in all sections of the State.

The Clemson College Livestock Sanitary Department is fully equipped with large stocks of all classes of veterinary biologics for the control and eradication of contagious and infectious diseases of livestock. These products are furnished to livestock owners at cost.

This department is required by legislative enactment and supported by legislative appropriation.

MISCELLANEOUS PUBLIC SERVICE

Entomological and Pathological Inspection.—This work is carried on under the direction of the State Crop Pest Commission. The State Entomologist and the State Pathologist have charge of this work under the commission.

The work of these officers consists in the control of contagious plant diseases and insect pests. Supervision of all nursery stock sold within the State is a duty of the Crop Pest Commission.

A permit tag issued by the State Crop Pest Commission

should be attached to every package of nursery stock, seed, or plants offered for sale or shipment for planting purposes.

Textile Testing.—The textile department maintains a yarn testing service for the cotton mills of South Carolina.

Textile Research.—Clemson in cooperation with the Bureau of Agricultural Economics of the United States Department of Agriculture conducts manufacturing tests of grades, staples, and varieties of cotton. Valuable reports based on this work are issued from time to time. Copies of these reports may be acquired by addressing either the College or the Bureau of Agricultural Economics, Washington, D. C.

Service to Textile and Other Industrial Teachers.—The College in cooperation with the State Department of Education is glad to assist those who teach night schools by supplying a trained man to assist in the work of organizing classes, organizing courses of study, making plans for teaching evening classes, and actually teaching vocational subjects. Requests for information regarding this service should be addressed to Miss Marie P. Jones, Itinerant Teacher Trainer, Industrial Education Department, Clemson, S. C.

Agricultural Educational Follow-up and Itinerant Teacher Training.—The members of the staff of Agricultural Education visit all beginning teachers for the purpose of assisting them on the job and also for the purpose of collecting information which may prove helpful in improving the work of teacher training at the College.

Research in Vocational Agricultural Education.—A research program has been inaugurated in the Department of Agricultural Education as one of the six functions of teacher training. This work is being done in cooperation with the State Department of Education. The state supervisors of agricultural instruction and the teacher trainers have adopted, as the purpose of research work at the present time, the promotion of better instruction in vocational agriculture in the public schools of the State.

State Vocational Agricultural Judging Contest:—The Clemson Agricultural College, cooperating with the State Department of Education, conducts annually a judging contest for students of vocational agriculture.

State-wide Industrial Education Contest.—A state-wide Industrial Education contest was inaugurated by Clemson College and the State Department of Education in 1935. This contest has been open to all public schools teaching Industrial Education. The contest includes competition in woodworking, drawing, textiles, and toolcraft. The rules are outlined by members of the faculty representing those departments involved in the competition. Many valuable prizes are given each year to individuals and teams who participate in the contest. The greatest value is the interest created in craftsmanship on the part of contestants. Any school may receive announcements concerning the contest by writing to the Department of Industrial Education, Clemson, S. C.

Publications.—The Agricultural Education staff in cooperation with the State Department of Education publishes a mimeographed bulletin which is used by teachers of vocational agriculture in the public schools of the State. The contents of this bulletin consist largely of the results of experimental work in agriculture. There are a number of issues of Agricultural Education Bulletin which are available. A list of these will be furnished upon request to the Department of Agricultural Education, Clemson, S. C.

THE SUMMER SEMESTER

Beginning with the summer of 1943, the summer session at Clemson was changed to a summer semester of sixteen weeks. The summer semester is divided into two terms of equal length, eight weeks each. A student may attend either or both terms and complete such subjects as he takes in the time he attends. New students who qualify for admission to the College may enter at the beginning of either term of the summer semester or at the beginning of the fall semester in September.

The change to a summer semester was made in order to pro-

vide opportunity for students to accelerate their education and complete as much of their college work as possible before entering the service. By attending Clemson twelve months in a year, a student may complete a year and a half of college work in one calendar year and may complete a regular four-year course in two years and nine months.

All physically qualified students of Clemson College are members of the Basic Course of the Reserve Officers' Training Corps during the first two years of residence. All regular students of the College are required to take military training as a part of the prescribed courses of study. During the summer semester, all students live in the barracks and are a part of the cadet military organization, whether or not they are members of the R. O. T. C. and whether or not they plan to attend one or both terms of the summer semester. Since military science instruction extends throughout both terms of the summer semester, only those students who attend as regular cadets for the entire summer semester are eligible for the R. O. T. C.

The subjects offered in the summer semester include almost all of the subjects required in the freshman and sophomore years of the major courses of the various schools of the College. The subjects offered for juniors and seniors are arranged to meet the requirements of the majority of juniors and seniors who attend. Courses are also provided for teachers and other special groups who desire additional subject-matter or special training.

The curricula outlined below indicate the academic plan for new students for the summer semester. By pursuing the curriculum for the course of his choice, the student entering Clemson at the beginning of the summer semester can complete the scholastic work of the first semester during the summer. He will then be ready to pursue the second semester subjects in the fall and can complete the requirements of the freshman year by February of the next year.

The first-semester freshman subjects are listed below under the various major courses of study. Military science continues throughout the summer, but all other subjects are completed in one or the other of the two summer terms. The subjects are listed by catalog numbers and descriptive titles. The figure after each

subject indicates the semester hours credit a student receives when he completes the subject. The first figure in parentheses indicates the hours per week of theory or recitation classes and the second figure, the hours per week of laboratory work.

Curricula for New Students in First Semester of Freshman Year

Summer Semester

SCHOOL OF AGRICULTURE

AGRICULTURE

First Term			*Second Term*		
Eng. 15, Comp. and Lit.	3	(6,0)	Bot. 15, General Botany	4	(6,6)
G. Ch. 11, General Chemistry	4	(6,6)	Math. 13, College Algebra	5	(10,0)
M. S. 11, Military Science (continued throughout summer)				1⅔	

AGRICULTURAL ENGINEERING

Gov. 12, Amer. Nat'l Govt.	2	(4,0)	Draw. 13, Engr. Drawing	1⅓	(0,8)
Math. 11, Trigonometry	5	(10,0)	Eng. 15, Comp. and Lit.	3	(6,0)
M. E. 17, Woodwork	2	(0,12)	G. Ch. 11, General Chemistry	4	(6,6)
M. S. 11, Military Science (continued throughout summer)				1⅔	

SCHOOL OF CHEMISTRY

CHEMISTRY

Draw. 11, Freehand Drawing	⅔	(0,4)	Math. 11, Trigonometry	5	(10,0)
Eng. 15, Comp. and Lit.	3	(6,0)	Phys. 11, General Physics	3	(6,0)
G. Ch. 13, General Chemistry	4	(6,6)	Phys. 15, Physics Lab.	1	(0,6)
M. S. 11, Military Science (continued throughout summer)				1⅔	

SCHOOL OF ENGINEERING

ARCHITECTURE AND ARCHITECTURAL ENGINEERING

Arch. 11, Elems. of Arch.	1⅔	(0,10)	Arch. 13, Freehand Drawing	1⅓	(0,8)
Arch. 15, Descrip. Geom.	⅔	(0,4)	Math. 11, Trigonometry	5	(10,0)
Eng. 15, Comp. and Lit.	3	(6,0)	Phys. 11, General Physics	3	(6,0)
G. Ch. 11, General Chemistry	4	(6,6)	Phys. 15, Physics Lab.	1	(0,6)
M. S. 11, Military Science (continued throughout summer)				1⅔	

CHEMISTRY-ENGINEERING

Gov. 12, Amer. Nat'l Govt.	2	(4,0)	Draw. 13, Engr. Drawing	1⅓	(0,8)
Math. 11, Trigonometry	5	(10,0)	Eng. 15, Comp. and Lit.	3	(6,0)
M. E. 17, Woodwork	2	(0,12)	G. Ch. 13, General Chemistry	4	(6,6)
M. S. 11, Military Science (continued throughout summer)				1⅔	

ENGINEERING (CIVIL, ELECTRICAL, AND MECHANICAL)

First Term			*Second Term*		
Hist. 14, Amer. Econ. Hist.	2	(4,0)	Draw. 13, Engr. Drawing	1⅓	(0,8)
Math. 11, Trigonometry	5	(10,0)	Eng. 15, Comp. and Lit.	3	(6,0)
M. E. 17, Woodwork	2	(0,12)	G. Ch. 11, General Chemistry 4		(6,6)
M. S. 11, Military Science (continued throughout summer)				1⅔	

SCHOOL OF GENERAL SCIENCE

GENERAL SCIENCE AND PRE-MEDICINE

Eng. 15, Comp. and Lit.	3	(6,0)	Hist. 14, Amer. Econ. Hist.	2	(4,0)
G. Ch. 11, General Chemistry 4		(6,6)	Math. 11, Trigonometry	5	(10,0)
Modern Language	3	(6,0)			
M. S. 11, Military Science (continued throughout summer)				1⅔	

INDUSTRIAL PHYSICS

Gov. 12, Amer. Nat'l Govt.	2	(4,0)	Draw. 13, Engr. Drawing	1⅓	(0,8)
Math. 11, Trigonometry	5	(10,0)	Eng. 15, Comp. and Lit.	3	(6,0)
M. E. 17, Woodwork	2	(0,12)	G. Ch. 11, General Chemistry 4		(6,6)
M. S. 11, Military Science (continued throughout summer)				1⅔	

SCHOOL OF TEXTILES

TEXTILE ENGINEERING

Draw. 13, Engr. Drawing	1⅓	(0,8)	Gov. 12, Amer. Nat'l Govt.	2	(4,0)
Eng. 15, Comp. and Lit.	3	(6,0)	Math. 11, Trigonometry	5	(10,0)
G. Ch. 11, General Chemistry 4		(6,6)	Y. M. 11, Textiles	1⅔	(2,4)
M. S. 11, Military Science (continued throughout summer)				1⅔	

TEXTILE CHEMISTRY

Draw. 13, Engr. Drawing	1⅓	(0,8)	Gov. 12, Amer. Nat'l Govt.	2	(4,0)
Eng. 15, Comp. and Lit.	3	(6,0)	Math. 11, Trigonometry	5	(10,0)
G. Ch. 13, General Chemistry 4		(6,6)	Y. M. 11, Textiles	1⅔	(2,4)
M. S. 11, Military Science (continued throughout summer)				1⅔	

SCHOOL OF VOCATIONAL EDUCATION

VOCATIONAL AGRICULTURAL EDUCATION AND EDUCATION

Eng. 15, Comp. and Lit.	3	(6,0)	Bot. 15, General Botany	4	(6,6)
G. Ch. 11, General Chemistry 4		(6,6)	Math. 13, College Algebra	5	(10,0)
V. Ed. 11, Orientation	1	(2,0)			
M. S. 11, Military Science (continued throughout summer)				1⅔	

INDUSTRIAL EDUCATION AND TEXTILE INDUSTRIAL EDUCATION

Draw. 13, Engr. Drawing	1⅓	(0,8)	Gov. 12, Amer. Nat'l Govt.	2	(4,0)
Eng. 15, Comp. and Lit.	3	(6,0)	Math. 13, College Algebra	5	(10,0)
G. Ch. 11, General Chemistry 4		(6,6)	Y. M. 11, Textiles	1⅔	(2,4)
V. Ed. 11, Orientation	1	(2,0)			
M. S. 11, Military Science (continued throughout summer)				1⅔	

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FIFTY-FOURTH YEAR

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1947

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COLLEGE CALENDAR

1945-1946

First Semester ---------- September 24-February 2
Christmas holidays ---------- December 20-January 2
Second Semester ---------- February 4-May 27
Graduating Exercises ---------- May 19
First Term, Summer Semester ---------- June 3-July 27
Second Term, Summer Semester ---------- July 29-September 21

SESSION 1946-1947

Matriculation, new students ---------- September 23
Registration, new students ---------- September 26
Matriculation, former students ---------- September 26
Registration, former students ---------- September 27
Classes begin ---------- September 30
State Fair holidays begin at 1 p.m. ---------- October 23
State Fair holidays end at 10 p.m. ---------- October 27
Christmas holidays begin at 1 p.m. ---------- December 21
Christmas holidays end at 10 p.m. ---------- January 5
End of First Semester ---------- February 8
Matriculation, new students ---------- February 4
Registration, new students ---------- February 7
Matriculation, former students ---------- February 10
Classes begin ---------- February 11
Easter holidays begin at 1 p.m. ---------- April 3
Easter holidays end at 10 p.m. ---------- April 7
End of Second Semester ---------- June 9

The above schedule is subject to change by the Faculty.

SUMMER TERM 1947

Matriculation, former students	June 18
Registration, former students	June 19
Classes begin	June 20
Independence Day holidays	July 4, 5
Examinations	August 18-20
Summer Term ends	August 20

SESSION 1947-1948

Matriculation, new students	September 8
Registration, new students	September 11
Matriculation, former students	September 11
Registration, former students	September 12
Classes begin	September 15
State Fair holidays begin at 1 p.m.	October 22
State Fair holidays end at 10 p.m.	October 26
Thanksgiving holiday	November 27
Christmas holidays begin at 1 p.m.	December 20
Christmas holidays end at 10 p.m.	January 4
End of First Semester	January 31
Matriculation	February 2
Registration	February 2
Classes begin	February 3
Easter holidays begin at 1 p.m.	March 25
Easter holidays end at 10 p.m.	March 29
End of Second Semester	June 7

The above schedule is subject to change by the Faculty.

PART I—PERSONNEL‡

BOARD OF TRUSTEES

LIFE MEMBERS

W. W. BRADLEY, *Chairman*—Columbia, Richland County
PAUL SANDERS—Ritter, Colleton County
J. E. SIRRINE—Greenville, Greenville County
CHRISTIE BENET—Columbia, Richland County
T. B. YOUNG—Florence, Florence County
R. M. COOPER—Wisacky, Lee County
J. F. BYRNES—Spartanburg, Spartanburg County

TERM EXPIRES 1948

F. E. COPE—Cope, Orangeburg County
J. P. MOZINGO III—Darlington, Darlington County
J. B. DOUTHIT, JR.—Pendleton, Anderson County

TERM EXPIRES 1950

W. C. GRAHAM—Pamplico, Florence County
EDGAR A. BROWN—Barnwell, Barnwell County
W. A. BARNETTE—Greenwood, Greenwood County

S. W. EVANS, *Secretary*—Clemson, S. C.

STANDING COMMITTEES OF BOARD

AGRICULTURAL: Douthit, *Chairman;* Young, Cooper, Sanders, Cope, Barnette.

(This committee is also the Veterinary Committee, the Crop Pest Commission, and the Experiment Station Board of Control.)

EXECUTIVE: Benet, *Chairman;* Sirrine, Young, Cooper, Brown, Graham, Byrnes.

FERTILIZER: Cope, *Chairman;* Barnette, Sanders, Douthit, Graham, Mozingo.

FINANCE: Benet, Sirrine, Brown, Douthit, Mozingo.

STATED MEETINGS OF BOARD

3:00 P.M.—Third Friday in March
3:00 P.M.—Third Friday in June
3:00 P.M.—Fourth Monday in October

‡List of personnel compiled November, 1946.

BOARD OF VISITORS

1945

H. M. Pace ---------- Charleston
(Hold-over member)
E. Coke Bridges ---------- Heath Springs
Miller C. Foster ---------- Spartanburg
E. P. Gulledge ---------- Callison
Hugh O. Hanna ---------- Hampton
George A. Hanvey, Jr. ---------- Abbeville
Charlie Peace ---------- Greenville
John J. Snow ---------- Henry
David L. White ---------- McBee
Otis Williamson ---------- Kingstree

OFFICERS CLEMSON ALUMNI CORPORATION 1944-1945 AND 1945-1946

President

J. S. Williamson, '16 ---------- Columbia, S. C.

First Vice-President

R. H. Fike, '08 ---------- Atlanta, Ga.

Second Vice-President

C. N. Gignilliat, '02 ---------- Seneca, S. C.

Secretary-Treasurer

J. H. Woodward, Ex. '03 ---------- Clemson, S. C.

Assistant Treasurer

S. W. Evans, Ex. '02 ---------- Clemson, S. C.

Board of Directors

District 1—E. P. Josey, '12 ---------- Anderson, S. C.
District 2—*Harry T. Poe, '02 ---------- Greenville, S. C.
District 3—W. J. Erwin, '21 ---------- Great Falls, S. C.
District 4—B. D. Carter, '07 ---------- Bamberg, S. C.
District 5—M. E. Zeigler, '02 ---------- Orangeburg, S. C.
District 6—George Warren, '08 ---------- Hampton, S. C.
District 7—T. W. Thornhill, '14 ---------- Charleston, S. C.
District 8—J. T. Lazar, '12 ---------- Florence, S. C.
District 9—R. H. Fike, '08 ---------- Atlanta, Ga.
District 10—F. J. Jervey, '14 ---------- Washington, D. C.
District 11—John M. Rodger, '02 ---------- Chicago, Ill.
District 12—W. B. Camp, '16 ---------- Bakersfield, Calif.

Directors at Large

Fritz M. Furtick, '07 ---------- Salina, Kans.
Cecil L. Reid, '02 ---------- Fredericksburg, Va.
W. C. Herron, '17 ---------- Anderson, S. C.

*Deceased.

BOARD OF VISITORS

1946

Charlie Peace ---------- Greenville

(Hold-over member)

Hugh Agnew ---------- Anderson
John Auten ---------- Hartsville
S. H. Benjamin ---------- Coronaca
Henry S. Johnson ---------- Columbia
A. G. Kennedy ---------- Union
E. C. McArthur ---------- Gaffney
Tom B. Pearce ---------- Columbia
W. W. Smoak ---------- Walterboro
Wade Stackhouse ---------- Dillon
L. E. Stroud ---------- Great Falls
W. E. Tillotson ---------- Hartsville

OFFICERS CLEMSON ALUMNI CORPORATION 1946-1947

———

President

S. C. McMeekin, '23 ---------- Columbia, S. C.

First Vice-President

J. B. Caughman, '26 ---------- Columbia, S. C.

Second Vice-President

Dr. R. H. Fike, '08 ---------- Atlanta, Ga.

Secretary-Treasurer

J. H. Woodward, Ex. '03 ---------- Clemson, S. C.

Assistant Treasurer

S. W. Evans, Ex. '02 ---------- Clemson, S. C.

Board of Directors

District 1—E. H. Agnew, '16 ---------- Anderson, S. C.
District 2—H. F. Turner, Ex. '33 ---------- Greenville, S. C.
District 3—W. K. Magill, '15 ---------- Chester, S. C.
District 4—W. E. Hallman, '41 ---------- Aiken, S. C.
District 5—M. E. Zeigler, '02 ---------- Orangeburg, S. C.
District 6—George Warren, '08 ---------- Hampton, S. C.
District 7—Paul Quattlebaum, Jr., '33 ---------- Charleston, S. C.
District 8—J. T. Lazar, '12 ---------- Florence, S. C.
District 9—Dr. R. H. Fike, '08 ---------- Atlanta, Ga.
District 10—F. J. Jervey, '14 ---------- Washington, D. C.
District 11—J. L. Young, '20 ---------- Chicago, Ill.
District 12—W. B. Camp, '16 ---------- Bakersfield, Calif.

Directors at Large

Fritz M. Furtick, '07 ---------- Salina, Kans.
Cecil L. Reid, '02 ---------- Fredericksburg, Va.
W. C. Herron, '17 ---------- Anderson, S. C.

‡OFFICERS OF ADMINISTRATION

ROBERT FRANKLIN POOLE, PH.D., D.SC.
President

ALBERT JEROME THACKSTON, JR., COLONEL, INFANTRY
U. S. ARMY
Commandant and P. M. S. and T.

SAMUEL WILDS EVANS
Treasurer and Secretary of Board of Trustees

JAMES CORCORAN LITTLEJOHN, B.S.
Business Manager

LEE W. MILFORD, M.D.
Surgeon

GUSTAVE ERNEST METZ, B.S., M.A.
Registrar

HERBERT PRESS COOPER, PH.D.
Dean, School of Agriculture and
Director, Agricultural Experiment Station

WILLIAM BARRE AULL, B.S.
Vice-Dean, School of Agriculture

RUPERT ALONZO McGINTY, B.S., A.M.
Vice-Director, Agricultural Experiment Station

FRED HARVEY HALL CALHOUN, PH.D.
Dean, School of Chemistry

FRANCIS MARION KINARD, A.B., A.M., LITT.D.
Dean, School of Arts and Sciences

DAVID WISTAR DANIEL, A.M., LITT.D.
Dean Emeritus, School of Arts and Sciences

SAMUEL BROADUS EARLE, A.M., M.E., LL.D.
Dean, School of Engineering

JAMES HAGOOD SAMS, JR., PH.D.
Vice-Dean, School of Engineering

*WILLIAM HAROLD WASHINGTON, B.S., M.S.
Dean, School of Vocational Education

HUGH MONROE BROWN, PH.D.
Dean, School of Textiles

BRUCE DAYVAULT CLOANINGER, B.S.
Secretary, Board of Fertilizer Control

**ROY AIKEN MAYS, B.SC., D.V.M.
Director of Livestock Sanitary Work, State Veterinarian

DAVID WAYNE WATKINS, B.S., M.A.
Director of Extension Service

CORNELIA AYER GRAHAM, B.S.
Librarian

---

*On military leave as of November 1, 1946.
**Office: John C. Calhoun State Office Building, Columbia, S. C.

‡FACULTY

ROBERT FRANKLIN POOLE
President
Ph.D., Rutgers University; D.Sc., Clemson Agricultural College

ADAMS, LEONARD CALDWELL, *Instructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1943.

*ALEXANDER, THOMAS BENJAMIN, *Instructor in History and Government.*
B.A., 1939, M.A., 1940, Vanderbilt University; Graduate Work, Vanderbilt University, 1940-1942.

ANDERSON, GRANT WILLIAM, *Associate Professor of Bacteriology.*
B.S., D.V.M., Iowa State College, 1932; M.S., Virginia Polytechnic Institute, 1934; Graduate Work, Iowa State College, Summer, 1935.

ANDERSON, ROBERT LOVELL, *Associate Professor of Architecture.*
A.B., Princeton University, 1925; Graduate Work, Columbia University, 1925-1926; Harvard University, 1929-1930; Institute d'Art et d'Archaeologie, Sorbonne, Summer, 1929; New York University, Summer, 1936.

ARMSTRONG, GEORGE MILLER, *Head of Botany and Bacteriology Department; Professor of Botany and Bacteriology.*
B.S., Clemson Agricultural College, 1914; M.A., University of Wisconsin, 1917; Ph. D., Washington University, 1921.

ARMSTRONG, PERCY LAMAR, *Assistant Professor of Mathematics.*
A.B., 1919; M.A., 1920, Southwestern.

ASKEY, CHARLES MOORE, *Instructor in Physics.*
B.S., Clemson Agricultural College, 1943.

AULL, GEORGE HUBERT, *Head of Agricultural Economics and Rural Sociology Department; Professor of Agricultural Economics.*
B.S., Clemson Agricultural College, 1919; M.S., University of Virginia, 1928; Ph.D., University of Wisconsin, 1937.

AULL, WILLIAM BARRE, *Vice-Dean, School of Agriculture; Professor of Bacteriology.*
B.S., Clemson Agricultural College, 1907; Graduate Work, University of Virginia, 1909-1910; Iowa State College, Summers 1925, 1927, 1928.

BALLARD, HENRY GRADY, *Instructor in Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1942.

BANISTER, ROBERT ALLEN, *Instructor in Mechanical Engineering.*
B.S., Clemson Agricultural College, 1939.

BARNETT, GEORGE MISH, JR., *Asssitant Dairyman.*
B.S., Clemson Agricultural College, 1934.

BARRE, LUTHER GILBERT, *Assistant Professor of Physics.*
B.S., 1923, B.S.C.E., 1926, M.S., 1941, University of South Carolina; Graduate Work, Columbia University, Summers 1938, 1939.

BELL, MARSHALL CORNETT, *Assistant Professor of Mathematics.*
A.B., 1933, M.A., 1936, University of North Carolina.

BLAIR, WILLIAM GARDINER, *Assistant Professor of Carding.*
New Bedford Textile School, 1908; Clemson Agricultural College, Summer, 1927.

BOOKER, LEONARD ROWLAND, *Itinerant Teacher-Trainer Industrial Education.*
B.S., Clemson Agricultural College, 1925; M.S., University of Tennessee, 1932; Clemson Agricultural College, Summers 1938, 1939.

*On leave.
‡Faculty list compiled November 1, 1946.

BOWEN, WILLIAM CLAYTON, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1932; M.S., Colorado State College, 1940.

BRADLEY, MARK EDWARD, *Head of English Department; Professor of English.*
A.B., Erskine College, 1898; Graduate Work, University of Chicago, Summers 1904, 1910; University of North Carolina, Summer, 1927.

BRADBURY, DOUGLAS WILSON, *Assistant Professor of Drawing.*
B.M.E., Clemson Agricultural College, 1940.

BREAZEALE, THOMAS CLARENCE, JR., *Assistant Professor of Dairying.*
B.S., Clemson Agricultural College, 1942; Graduate Work, Iowa State College, 1946.

BREWSTER, JAMES PENDLETON, *Assistant Professor of Mathematics.*
A.B., 1935, M.A., 1940, Duke University.

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B.S., University of South Carolina, 1925.

BROCK, JOHN LELAND, *Acting Head of Industrial Education Department; Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1927; M.A., George Peabody College, 1936.

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B.A., 1920, M.A., 1921, University of Denver; Ph.D., University of California, 1927.

BROWN, JONAS WILLIAM, *Instructor in Mathematics.*
B.S., North Carolina State College, 1931; Graduate Work, University of North Carolina, 1942; Duke University, Summers 1945, 1946.

BROWN, PAUL JORDAN, *Assistant Professor of Military Science and Tactics.*
Captain, Infantry, United States Army; B.S., Clemson Agricultural College, 1936; Graduate, Company Officers' Basic Course, The Infantry School, 1943.

BROWNLEY, FLOYD IRVING, JR., *Assistant Professor of Chemistry.*
B.S., Wofford College, 1939; M.S., Virginia Polytechnic Institute, 1941.

BURNETTE, HOWARD WALKER, *Instructor in Mathematics.*
B.S., Clemson Agricultural College, 1942.

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B.A., M.A., University of Texas, 1939; Graduate Work, University of Texas, Summer, 1940; Harvard University, Summer, 1941.

BUTTNER, JOHN GEORGE, *Instructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1946.

BYERTS, WILLIAM EDWARD, JR., *Professor of Air Science and Tactics.*
Major, Air Corps, United States Army; B.S., University of California, 1940; Graduate: The Infantry School, 1940, The Command and General Staff School, 1945; PAS & T Orientation Course, 1946.

CALHOUN, FRED HARVEY HALL, *Dean, School of Chemistry and Geology; Professor of Geology and Mineralogy.*
B.S., 1898, Ph.D., 1902, University of Chicago.

CAMPBELL, THOMAS ALEXANDER, JR., *Associate Professor of Textiles.*
B.S., Clemson Agricultural College, 1928; Graduate Work, Pennsylvania State College, Summers 1939, 1940, 1941.

CARODEMUS, PETER, *Professor of Chemistry.*
B.S., Tufts College, 1922; Ph.D., Cornell University, 1927; Harvard University, Summer, 1932; Massachusetts Institute of Technology, Summer, 1941.

CARPENTER, CHARLES HAROLD, *Instructor in History and Government.*
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*On leave.

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CARTER, CHARLES FREDERICK, JR., *Assistant Instructor in Architecture.*
B.S., Clemson Agricultural College, 1943.

CARTER, CLIFTON WALKER, *Instructor in Drawing.*
B.S., Clemson Agricultural College, 1933.

CLARKE, ELWYN LORENZO, *Head of Civil Engineering Department; Professor of Civil Engineering.*
B.S. in C.E., 1902, C.E., 1931, University of Illinois.

CLARK, GRADY WAYNE, *Instructor in Physics.*
B.S., Clemson Agricultural College, 1944.

COKER, EDWARD CALEB, JR., *Associate Professor of Mathematics.*
B.S., University of South Carolina, 1928; M.A., University of North Carolina, 1930; Graduate Work, Brown University, 1932; University of Chicago, Summers 1936, 1938, 1939; University of Chicago, 1939-1940.

COLE, HAROLD, *Assistant Professor of Religion.*
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COLLINGS, GILBEART HOOPER, *Professor of Soils.*
B.S., Virginia Polytechnic Institute, 1915; M.S., University of Illinois, 1917; Ph.D., Rutgers University, 1925.

COOPER, HERBERT PRESS, *Dean, School of Agriculture; Director, Agricultural Experiment Station; Head of Agronomy Department; Professor of Agronomy.*
B.S., Clemson Agricultural College, 1911; M.S., University of Wisconsin, 1916; Ph.D., Cornell University, 1922.

COOPER, JAMES BRONAUGH, *Associate Poultry Husbandman.*
B.S., University of Kentucky, 1935; M.S., University of Kentucky, 1938.

COUCH, JAMES HOUSTON, *Instructor in Metal Shops.*
B.S., Clemson Agricultural College, 1941.

COX, H. MORRIS, *Assistant Professor of English.*
A.B., 1937, M.A., 1939, Duke University.

COX, WALTER THOMPSON, *Assistant Coach.*
B.S., Clemson Agricultural College, 1939.

CROSBY, RALPH DOZIER, *Assistant Professor of Military Science and Tactics.*
Lieutenant Colonel, Infantry, United States Army; B.S., Clemson Agricultural College, 1938; Graduate, Company Officers' Basic Course, The Infantry School, 1940, The Command and General Staff School, 1946.

CROUCH, SYDNEY J. L., *Head of Religion Department; Professor of Religion.*
Scotch College, Western Australia, 1910; Biblical Seminary, New York, 1915; B. D. Hartford Theological Seminary, 1922; Th.D., Union Theological Seminary, Richmond, Virginia, 1937.

CURTIS, DONALD DEXTER, *Professor of Mechanics and Hydraulics.*
B.E., University of Iowa, 1919; M.S., University of Iowa, 1931.

CZARNITZKI, ARVID, *Assistant Professor of Textile Chemistry and Dyeing.*
B.A., Newberry College, 1923; M.A., University of South Carolina, 1936.

DANIEL, DAVID WISTAR, *Dean Emeritus, School of Arts and Sciences; Professor of English.*
A.B., Wofford College, 1892; M.A., Vanderbilt University, 1901; Litt.D., Wofford College, 1914.

DAVIS, DUANE DAVID, *Assistant Professor of Military Science and Tactics.*
Major, Signal Corps, United States Army; B.S.C.E., Washington State College, 1938; Graduate, Signal Corps School, Company Officers' Course, 1942; The Command and General Staff School, 1943.

DEAN, JORDAN ARTHUR, *Assistant Professor of French and Spanish.*
A.B., Wofford College, 1933; M.A., Vanderbilt University, 1934; Graduate Work, University of Illinois, 1937.

DEWEY, CHARLES ALEXANDER, JR., *Assistant Professor of Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1939.

DUKES, JOSEPH DONALDSON, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1943.

DUNAVAN, DAVID, *Associate Professor of Entomology and Zoology.*
B.S., Oregon Agricultural College, 1925; M.S., Iowa State College, 1928; Graduate Work, Cornell University, Summers 1929, 1931, 1935.

DUNCAN, TALMADGE EDWARD, *Associate Professor of Agricultural Education.*
B.S., Mississippi State College, 1930; Graduate Work, University of Alabama, Summers 1933, 1935, 1936, 1938; Iowa State College, Summer, 1935; University of Mississippi, Summer, 1938.

DURDEN, GEORGE DOUGLAS, *Instructor in English.*
B.S., Georgia State Teachers College, 1936; M.A., Duke University, 1941.

EARLE, SAMUEL BROADUS, *Dean, School of Engineering; Professor of Mechanical Engineering; Director of Engineering Experiment Station.*
A.B., 1898, A.M., 1899, Furman University; M.E., Cornell University, 1902; LL.D., Furman University, 1932.

EATON, ROBERT KNIGHT, *Head of Carding and Spinning Department; Professor of Carding and Spinning.*
A.B., Bowdoin College, 1905; Graduate Work, Philadelphia Textile School, 1905, 1906.

EDWARDS, GEORGE HERBERT, JR., *Associate Professor of Mathematics.*
B.A., M.A., University of South Carolina, 1913; Graduate Work, University of Chicago, Summer, 1915; Columbia University, Summer and Fall, 1917, Spring and Summer, 1919.

EPTING, CARL LAFAYETTE, *Associate Professor of History and Government.*
A.B., Newberry College, 1921; A.M., University of South Carolina, 1924; Graduate Work, University of South Carolina, 1926, 1928, 1932-1934; University of North Carolina, Summers 1927, 1928.

FEELEY, ROBERT OLIVER, *Head of Veterinary Science Department; Professor of Veterinary Science.*
D.V.S., New York University, 1906.

FELDER, HERMAN MCDONALD, JR., *Instructor in English.*
A.B., Wofford College, 1930; M.A., Vanderbilt University, 1937; Graduate Work, Duke University, Summer, 1946.

FERNOW, BERNHARD EDWARD, *Head of Mechanical Engineering Department; Professor of Mechanical Engineering.*
A.B., 1904, M.E., 1906, Cornell University.

FERNOW, BERNICE PAUAHI ANDREWS, *Instructor in Architecture.*
Cornell University, 1900-1901; Art Student's League 1901-1906.

FERRIER, WALLACE THOMAS, *Professor of Agricultural Economics.*
A.B., Tarkio College, 1910; M.S., Colorado State College, 1930; Ph.D., University of Minnesota, 1938.

FORD, JOHN MARTIN, *Instructor in Civil Engineering.*
B.C.E., Clemson Agricultural College, 1946.

FREEMAN, EDWIN JONES, *Head of Industrial Engineering Department; Professor of Industrial Engineering.*
B.S., 1922, M.E., 1939, Clemson Agricultural College; M.S., Virginia Polytechnic Institute, 1942.

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GARDINER, CLEMENT EDWARD, *Instructor in English.*
A.B., Princeton University, 1942.

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B.S., Clemson Agricultural College, 1933; M.S., Louisiana State University, 1934; Ph.D., Cornell University, 1939.

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B.S., Clemson Agricultural College, 1937.

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B.S. in C.E., 1922, C.E., 1927, University of Kentucky; Graduate Work, Illinois Institute of Technology, Summer 1940.

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B.C.E., Clemson Agricultural College, 1942.

GODFREY, WILLIAM EMERA, *Professor of Physics; Head of Physics Department, Retired.*
A.B., 1893, A.M., 1898, Mercer University; Graduate Work, University of Chicago, Summers 1898, 1899, 1900; Cornell University 1906-1907.

GODLEY, WILLIE CECIL, *Instructor in Animal Husbandry.*
B.S., Clemson Agricultural College, 1943.

GOODALE, BEN EDMUND, *Professor of Dairying.*
B.S., 1922, M.S., 1929, Iowa State College.

GRAHAM, JOHN SMITH, *Instructor in Research and Testing.*
B.S., Clemson Agricultural College, 1943.

*GREEN, CLAUD BETHUNE, *Assistant Professor of English.*
B.A., 1935, M.A., 1938, University of Georgia; Graduate Work, University of North Carolina, Summer 1938; University of Georgia, Summers 1938, 1939, 1940; Duke University, Summer 1941.

GREEN, JOSEPH COLEMAN, *Associate Professor of English.*
B.A., 1920, M.A., 1924, Ph.D., 1937, Vanderbilt University.

HALL, WALTER FRANKLIN, *Assistant Professor of Military Science and Tactics.*
Major, Quartermaster Corps, United States Army; B.S., 1930, M.A., 1931, George Peabody College for Teachers; ROTC Orientation Course, 1946.

HALLMARK, GLEN DUNCAN, *Assistant Professor of Electrical Engineering.*
B.S. in E.E., 1935, M.S. in E.E., 1946, Texas A. & M. College.

HANCE, LACONLA HINSON, *Instructor in Weaving and Designing.*
B.S., Clemson Agricultural College, 1946.

HANSEN, HENRY LEO, *Associate Professor of Forestry.*
B.S., University of Minnesota, 1935; Ph.D., University of Minnesota, 1946.

HARDIN, ELLIOTT WANNAMAKER, *Assistant Professor of Religion.*
A.B., Wofford College, 1935; B.D., Duke University, 1938.

HARLEY, JAMES HADLEY, *Instructor in Mechanics and Hydraulics.*
B.C.E., Clemson Agricultural College, 1946.

HARRIS, DAVID NIVIN, *Assistant Professor of Drawing.*
B.S., Clemson Agricultural College, 1908.

HAUSER, EDWARD RICHARD, *Assistant Professor of Animal Husbandry.*
B.S., University of Wisconsin, 1938; M.S., Oklahoma A. & M. College, 1939; Graduate Work, Iowa State College, Summer 1942.

*On leave.

HENDRICKS, THOMAS ANDREW, *Instructor in Textiles.*
B.S., Clemson Agricultural College, 1937.

HINSON, CLAUDE RANDOLPH, *Assistant Coach.*
B.S., Clemson Agricultural College, 1936.

*HOBSON, JAMES HARVEY, *Assistant Professor of Chemistry.*
B.S., University of South Carolina, 1939.

HODGE, WYLIE FORT DUPRE, *Assistant Professor of Architecture.*
Clemson Agricultural College, 1907-1908, 1908-1909; New York School of Fine and Applied Arts, 1915-1916, 1920-1921; R.R. Gallerie di Firenze, Italy, Summer, 1931.

HODGES, BAXTER HOWARD, *Assistant Professor of Chemistry.*
B.S., Clemson Agricultural College, 1933; Graduate Work, University of North Carolina, Summers 1935, 1936, 1937, 1938, 1939; Virginia Polytechnic Institute, Summers 1940, 1941, 1942.

HOLMES, ALESTER GARDEN, *Professor of History.*
B.S., The Citadel, 1897; Graduate Work, University of Chicago, Summer 1911.

HOWARD, FRANK JAMES, *Head Coach of Intercollegiate Athletics.*
B.S., University of Alabama, 1931.

HUENERS, GEORGE W., *Assistant Professor of Air Science and Tactics.*
Captain, Air Corps, United States Army; D.C. Ph.C., Texas Chiropractic College, 1940; AAF School of Applied Tactics, 1942; The Command and General Staff School, 1946; AROTC Instructors School, 1946.

HUFF, LORENZ DITMAR, *Head of Physics Department; Professor of Physics.*
A.B., 1927, M.S., 1928, Oklahoma University; Ph.D., California Institute of Technology, 1931.

HUGHES, DAVIS GREGORY, *Instructor in Drawing.*
B.S., Clemson Agricultural College, 1939.

HUMPHREYS, HAROLD WESLEY, *Assistant Professor of Mechanics and Hydraulics.*
B.C.E., North Carolina State College, 1943.

HUNTER, HOWARD LOUIS, *Professor of Chemistry.*
B. Chem., 1925, Ph.D., 1928, Cornell University; Massachusetts Institute of Technology, Summer 1939.

HUNTER, JOSEPH EVERETT, *Professor of Mathematics.*
B.S., Clemson Agricultural College, 1896; Graduate Work, University of Chicago, Summers 1902, 1904, 1910; University of North Carolina, Summer 1928.

HUSMANN, WERNER EMIL AUGUST, *Associate Professor of Agricultural Economics.*
B.S., University of Berlin, 1931; Ph.D., University of Berlin, 1933.

JONES, CHAMP MCMILLIAN, *Associate Professor of Agronomy.*
B.S., Clemson Agricultural College, 1939; M.S., Cornell University, 1940.

JONES, JESS WILLARD, *Associate Professor of Agronomy.*
B.S., Clemson Agricultural College, 1937; M.S., Cornell University, 1938.

JONES, ROBERT MORGAN, *Assistant Coach.*
B.S., Clemson Agricultural College, 1930.

KELLY, LOUIS GRANT, *Instructor in Mathematics.*
B.S., Clemson Agricultural College, 1937; Graduate Work, University of North Carolina, Summers 1938, 1939, 1940, 1941.

KIRKLEY, FRANCIS EDWARD, *Assistant Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1929; Graduate Work, Clemson Agricultural College, Summers 1938, 1939, 1940; University of Kentucky, Summers 1942, 1943, 1946.

*On leave.

KINARD, FRANCIS MARION, *Dean, School of Arts and Sciences; Professor of English.*
A.B., Wofford College, 1923; A.M., University of North Carolina, 1929; Graduate Work, University of North Carolina, Summer 1930; Litt.D., Wofford College, 1944.

KIRKWOOD, CHARLES EDWARD, JR., *Assistant Professor of Mathematics.*
A.B., Lynchburg College, 1935; M.S., University of Georgia, 1937; Graduate Work, University of North Carolina, Summer 1939; Duke University, Summer 1940.

KLUGH, WILLISTON WIGHTMAN, *Head of Drawing and Designing Department; Professor of Drawing and Designing.*
B.S., Clemson Agricultural College, 1896; Graduate Work, Vanderbilt University, 1898; Cornell University, 1900.

LAGRONE, JOHN WALLACE, *Associate Professor of Mathematics.*
B.S., Clemson Agricultural College, 1932; M.A., Vanderbilt University, 1934; Graduate Work, University of Kentucky, 1939-1940.

LAMASTER, JOSEPH PAUL, *Head of Dairy Department; Professor of Dairying.*
B.S., 1913, M.S., 1928 University of Kentucky.

LANDER, ERNEST M., JR., *Assistant Professor of History and Government.*
A.B., Wofford College, 1937; M.A., University of North Carolina, 1939; Graduate Work, University of North Carolina, Summers 1940, 1941, 1942.

LANE, JOHN DEWEY, *Professor of English.*
A.B., Newberry College, 1920; M.A., University of Virginia, 1924; Graduate Work, Columbia University, 1928-1929; Summer 1923; George Peabody College, Summer 1935.

LANGSTON, JAMES HORACE, *Associate Professor of Textile Chemistry and Dyeing.*
A.B., Stephen F. Austin State Teachers College of Texas, 1937; M.A., 1939, Ph.D., 1941, University of North Carolina.

LAW, WILLIAM PLAYER, *Assistant Professor of Agricultural Engineering.*
B.S., Clemson Agricultural College, 1938.

LAZAR, JAMES TARLTON, JR., *Assistant Professor of Dairying.*
B.S., Clemson Agricultural College, 1943.

LEASE, ELMER JOHN, *Professor of Nutrition.*
B.S., 1931, M.S., 1933, Ph.D., 1935, University of Wisconsin.

LEE, RUDOLPH EDWARD, *Head of Architecture Department; Professor of Architecture.*
B.S., 1896, M. Arch. 1928, Clemson Agricultural College; Graduate Work, Zanerian Art School, Summer 1899; Cornell University, Summer 1900; University of Pennsylvania, 1901.

LEVER, JACK QUINTON, *Instructor in Civil Engineering.*
B.C.E., Clemson Agricultural College, 1942.

LEWIS, ALEXANDER DODGE, *Assistant Professor of Mechanical Engineering.*
B.S. in M.E., University of Tennessee, 1939; MME, Yale University, 1946.

LINDSAY, JOSEPH, JR., *Head of Textile Chemistry and Dyeing Department; Professor of Textile Chemistry and Dyeing.*
A.B., Erskine College, 1919; M.S., University of Tennessee, 1945.

LINDSEY, TATE JEFFERSON, *Associate Professor of Physics.*
B.A., Mississippi College, 1928; Ph.D., Indiana University, 1936.

LONG, JIM THOMAS, *Instructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1943.

MCADAMS, WILLIAM NEWTON, *Assistant Professor of Agricultural Engineering.*
B.S., Clemson Agricultural College, 1938; M.S., University of Georgia, 1939.

MCFADDEN, JAMES BANKS, *Assistant Coach.*
B.S., Clemson Agricultural College, 1940.

McGARITY, HUGH HARRIS, *Director of Music; Assistant Professor of Music.*
B.F.A., University of Georgia, 1940; M.F.A., University of Georgia, 1946.

McGEE, CHARLES M., JR., *Instructor in English.*
A.B., Furman University, 1934; M.A., Duke University, 1941.

McGINTY, RUPERT ALONZO, *Vice-Director of Agricultural Experiment Station.*
B.S., Alabama Polytechnic Institute, 1913; A.M., Washington University, 1919; Graduate Work, Cornell University, 1926-1927.

McHUGH, CARL MANNING, *Instructor in Drawing.*
B.S., Clemson Agricultural College, 1936.

MacINTOSH, FRED HENRY, *Instructor in English.*
A.B., University of South Carolina, 1936; M.A., Duke University, 1942; Graduate Work, Duke University, 1946.

McKENNA, ARTHUR ERNEST, *Head of Weaving and Designing Department; Professor of Weaving and Designing.*
Graduate Rhode Island School of Design, 1922; Bradford-Durfee Textile School, 1925; B.S., Clemson Agricultural College, 1930; M.S., University of Tennessee, 1933.

McMILLIAN, COVINGTON, *Assistant Coach.*
B.S., Clemson Agricultural College, 1930; M.A., George Peabody College, 1935.

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Major, Infantry, United States Army; A.B., The Citadel, 1937; Officers' Basic Course, The Infantry School, 1941; Officers' Advanced Course, The Infantry School, 1943.

MARSHALL, JOHN LOGAN, *Head of Wood Shop Department; Associate Professor of Wood Work.*
B.S., Clemson Agricultural College, 1909; Graduate Work, Bradley Polytechnic Institute, 1919.

MARSHALL, SIDNEY PAUL, *Associate Professor of Dairying.*
B.S., University of Florida, 1938; M.S., Oklahoma A. & M. College, 1939; Ph.D., University of Minnesota, 1945.

MARTIN, GORDON MOREHOUSE, *Assistant Professor of Physics.*
B.S., Purdue University, 1938; M.S., University of Idaho, 1939; Graduate Work, University of Minnesota, 1942-1944.

MARTIN, SAMUEL MANER, *Professor of Mathematics; Head of Mathematics Department, Retired.*
B.S., The Citadel, 1896; Graduate Work, Cornell University, Summer, 1900; Harvard University, Summer 1904; University of Chicago, Summer 1908.

MAULDIN, WILLIAM LAWRENCE, *Assistant Professor of Chemistry.*
B.S., Furman University, 1936; M.A., University of North Carolina, 1939; Graduate Work, University of North Carolina, 1939-1940.

MEEKS, CHARLES DAVENPORT, *Instructor in Forge and Foundry.*
B.M.E., Clemson Agricultural College, 1942.

METZ, GUSTAVE ERNEST, *Registrar.*
B.S., Clemson Agricultural College, 1927; M.A., University of North Carolina, 1928; Graduate Work, University of North Carolina, 1928-1929; Ohio State University, Summer 1930; Teachers College, Columbia University, 1931-1932; University of Chicago, Summer 1939.

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MILLER, WILLIAM GILBERT, *Assistant Professor of Mathematics.*
A.B., Birmingham Southern College, 1931; M.A., University of Florida, 1933; Graduate Work, University of Florida, Summer 1933.

MILNER, WILLIAM HENRY, *Assistant Professor of Mathematics.*
A.B., University of Alabama, 1916; A.M., Peabody College, 1922; Graduate Work, Peabody College, Summers 1922, 1923, 1927, 1930, Spring 1931, Winter, 1942.

MITCHELL, JACK HARRIS, *Professor of Chemistry.*
B.S., 1903, M.S., 1904, Alabama Polytechnic Institute; M.S., University of Illinois, 1911.

MITCHELL, JAMES HARVEY, *Instructor in Physics.*
B.S., Furman University, 1926; M. Ed., Duke University, 1936.

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B.S., Clemson Agricultural College, 1915; M.S., Texas A. & M. College, 1935; Graduate Work, Cornell University, Summer 1938.

MOORE, MORRIS DAVID, JR., *Instructor in Textiles.*
B.S., Clemson Agricultural College, 1943.

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B.S., 1918, M.S., 1927, University of Kentucky; Graduate Work, University of Wisconsin, 1931-1932.

MORGAN, HUBERT LEE, JR., *Assistant Professor of Electrical Engineering.*
B.S. in E.E., 1938, M. of E.E., 1940, North Carolina State College.

MUSSER, ALBERT MYERS, *Head of Horticulture Department; Professor of Horticulture.*
B.S., University of Florida, 1918; Graduate Work, Michigan State College, 1930, 1933.

NEWMAN, CHARLES CARTER, *Professor of Horticulture, Retired.*
B.S., Clemson Agricultural College, 1908.

NORMAN, ABSALOM WILLIS, *Assistant Coach.*
A.B., Roanoke College, 1913.

NORMAN, CLARENCE C., *Assistant Professor of Civil Engineering.*
B.S. in C.E., Iowa State College, 1929; Graduate Work, Iowa State College, Summer 1946.

NUTT, GEORGE BASS, *Head of Agricultural Engineering Department; Professor of Agricultural Engineering.*
B.S., Mississippi State College, 1930; M.S., Iowa State College, 1940.

OWINGS, MARVIN ALPHEUS, *Associate Professor of English.*
A.B., Wofford College, 1931; M.A., 1932, Ph.D., 1941, Vanderbilt University.

PAGE, NORWOOD RUFUS, *Assistant Professor of Chemistry.*
B.S., Clemson Agricultural College, 1939; M.S., North Carolina State, 1941.

PATRICK, CHARNER SCAIFE, *Head, Farms Department.*
B.S., Clemson Agricultural College, 1913; Graduate Work, Iowa State College, 1930, Summer 1931.

PETERSON, M. HARRELL, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1944.

PETERSON, WEBER HJALMAR, *Associate Professor of Agricultural Economics.*
B.S., Montana State College, 1936; M.S., Montana State College, 1938; Graduate Work, University of Minnesota.

POLK, HENRY TASKER, *Associate Professor of Chemistry.*
B.S., 1931, M.S., 1933, University of Kentucky; Ph.D., Cornell University, 1938.

POLLARD, FRANK H., *Professor of Chemistry.*
B. of Chem., 1916, Ph.D., 1922, Cornell University.

POWERS, RICHARD, *Assistant Professor of Economics.*
B.S., 1944, M.A., 1945, University of Virginia; Graduate Work, University of Virginia, 1945-1946.

PURSER, D. I., *Instructor in English.*
B.A., Furman University, 1937; M.A., Duke University, 1941.

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Major, Infantry, United States Army; B.S., Clemson Agricultural College, 1936; Infantry Division Officers' Course, 1942, Officers' Advanced Course, The Infantry School, 1944; The Command and General Staff School, 1944; PMS&T Officers' Orientation Course, The Infantry School, 1946.

REED, ALBERT RAYMOND, *Associate Professor of Physics.*
A.B., Wofford College, 1925; M.S., University of South Carolina, 1931; Graduate Work, University of North Carolina, Summers 1931, 1933.

RHODES, SAM ROSEBOROUGH, *Head of Electrical Engineering Department; Professor of Electrical Engineering.*
B.L., 1900, M.S., 1901, Furman University; B.S., 1907, E.E., 1928, Clemson Agricultural College.

RHYNE, ORESTES PEARL, *Head of Modern Language Department; Professor of Modern Languages.*
A.B., Lenoir-Rhyne College, 1907; A.B., 1908, A.M., 1909, University of North Carolina; Ph.D., Johns Hopkins University, 1913; University of Heidelberg, Summer 1914; Resident in Leipzig, Summer 1922.

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RITCHIE, PAUL LEE, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1946.

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B.S., 1926, M.S., 1938, Iowa State College.

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B. Cer. E., North Carolina State College, 1940.

ROSENKRANS, DUANE BENJAMIN, *Professor of Botany.*
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ROSTRON, JOSEPH PRUGH, *Assistant Professor of Civil Engineering.*
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RUTLEDGE, RAY WATSON, *Assistant Professor of Botany.*
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SALVO, GEORGE CLIFTON, *Assistant Professor of Air Science and Tactics.*
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B.S., Clemson Agricultural College, 1924; E.E., Cornell University, 1926; M.S., 1931, Ph.D., 1937, University of Michigan.

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SEFICK, HAROLD JOHN, *Assistant Professor of Horticulture.*
B.S., Rutgers University, 1935; M.S., Rutgers University, 1937; Graduate Work, Michigan State College, 1941-1942.

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B.S., Clemson Agricultural College, 1939; Graduate Work, University of Tennessee, 1941-1942.

SCHACKLEFORD, MACFARLAND, *Instructor in Physics.*
B.S., Virginia Polytechnic Institute, 1920.

SHARPE, JOHN RAYMOND, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1934; Graduate Work, Cornell University, Summer 1937.

SHELDON, DAWSON C., *Head of Mathematics Department; Professor of Mathematics.*
B.S., State College of Washington, 1925; M.A., 1927, Ph.D., 1929, University of California.

SHELLEY, ROBERT CLIFTON, *Assistant Professor of Agronomy.*
B.S., Clemson Agricultural College, 1940.

SHERMAN, FRANKLIN, *Head of Entomology and Zoology Department; Professor of Entomology and Zoology.*
B.S., Agriculture, Cornell University, 1900; M.S., University of Maryland, 1912.

SHIGLEY, JOSEPH EDWARD, *Associate Professor of Drawing and Designing.*
B.S. in E.E., 1931, B.S. in M.E., 1932, Purdue University; M.S., University of Michigan, 1946.

STANLEY, EDWARD L., *Assistant Professor of Mathematics.*
B.S., East Tennessee State College, 1930; M.S., University of Tennessee, 1935; Graduate Work, George Peabody College, Summer 1938; University of Missouri, Summers 1940, 1941, Spring 1941.

STARKEY, LAWRENCE VINCENT, *Head of Animal Husbandry Department; Professor of Animal Husbandry.*
B.S., University of Illinois, 1914; M.S., University of Wisconsin, 1917; Graduate Work, University of Wisconsin, 1930.

ST. HUBERT, ROBERT LAMONTAGNE, *Visiting Professor of Architecture.*
Ecole des Beaux Arts, Paris; University of Paris.

STEPP, JAMES MARVIN, *Associate Professor of Agricultural Economics.*
A.B., Berea College, 1937; M.A., 1938, Ph.D., 1940, University of Virginia.

STRIBLING, BRUCE HODGSON, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1918; M.S., Ohio State University, 1945.

STROTHER, FORREST CLINTON, *Assistant Professor of Military Science and Tactics.*
First Lieutenant, Infantry, United States Army; University of Georgia; Officer Candidate School, The Infantry School, 1944.

STUART, CHARLES MORGAN, *Assistant Professor of Mathematics.*
A.B., Wofford College, 1920; M.A., Duke University, 1935; Graduate Work, University of South Carolina, 1938, 1945.

SULLIVAN, JOHN RUSSELL, *Instructor in Mathematics.*
A.B., Georgetown University, 1939; Graduate Work, Georgetown University, 1939-1940.

SUTTON, JAMES FRANKLIN, *Instructor in Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1944.

TARRANT, WILLIAM EDWARD, SR., *Assistant Professor of Weaving.*
B.S., Clemson Agricultural College, 1927; Graduate Work, Alabama Polytechnic Institute, Summer 1932; Clemson Agricultural College, Summers 1938, 1940, 1941; Pennsylvania State College, Summers 1939, 1940, 1941.

**TATE, HAROLD SIMMONS, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1925; M.A., Columbia University, 1929; Graduate Work, George Peabody College, Summers 1931, 1932; Pennsylvania State College, Summers 1936, 1937, 1938, 1939, 1940.

TAYLOR, RUPERT, *Professor of English.*
A.B., 1903, A.M., 1906, University of Arkansas; Ph.D., Columbia University, 1911.

**On Military Leave.

THACKSTON, ALBERT JEROME, JR., *Professor of Military Science and Tactics; Commandant of Cadets.*
Colonel, Infantry, United States Army; B.S., Clemson Agricultural College, 1926; Graduate: The Tank School, 1929; The Infantry School, 1930; The Signal School, 1931; The Command and General Staff School, 1944; PMS&T Orientation Course, The Infantry School, 1946.

THODE, FREDERICK WILBUR, *Instructor in Horticulture.*
B.S., Clemson Agricultural College, 1940.

THOMSON, DANIEL PARK, JR., *Assistant Professor of Carding and Spinning.*
B.S., Clemson Agricultural College, 1927; Graduate Work, Furman University, Summer, 1936, Clemson Agricultural College, Summer 1938; George Peabody College, Summer 1938.

TINGLEY, FREEMAN THAYER, *Professor of Electrical Engineering.*
B.S., 1922, E.E., 1935, Bucknell University; M.S., University of Illinois, 1929.

TRIVELY, ILO ALLELY, *Associate Professor of Civil Engineering.*
B.S. in C.E., 1928, M.S. in C.E., 1941, University of Nebraska.

TUPPER, JAMES, *Assistant Instructor in Architecture.*
B.S., Clemson Agricultural College, 1943.

*TURNER, NATHAN LOUGHBOROUGH, JR., *Instructor in Botany and Bacteriology.*
B.S., Clemson Agricultural College, 1940.

TUTTLE, JACK EDWIN, *Instructor in History and Government.*
B.A., Pennsylvania State College, 1940; Graduate Work, Pennsylvania State College, 1946.

VAN BLARICOM, LESTER OSCAR, *Associate Professor in Horticultural Manufactures.*
B.S., 1938, M.S., 1940, Oregon State College.

WAITE, E. EMERSON, JR., *Associate Professor of Sociology and Psychology.*
B.S., Middlebury College, 1929; M.S., Duke University, 1940.

WALTERS, JOHN VERNON, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1933; Graduate Work, Clemson Agricultural College, Summer 1938; Pennsylvania State College, Summers 1940, 1941.

WARD, JAMES EDWARD, JR., *Head of Social Science Department; Professor of Economics and Government.*
B.S., 1929, M.S., 1931, Ph.D., 1935, University of Virginia.

WARE, ROBERT EDWARD, *Assistant Professor of Zoology and Entomology.*
B.S., Iowa Wesleyan College, 1929; Graduate Work, Iowa State College, Summers, 1931, 1932, 1938, 1940.

**WASHINGTON, WILLIAM HAROLD, *Dean, School of Vocational Education; Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1920; M.S., Iowa State College, 1922; Graduate Work, Georgia School of Technology, Summer 1925; George Peabody College, Summers 1928, 1929; 1932-1933.

WATSON, CHARLIE HUGH, *Instructor in English.*
A.B., Wofford College, 1933; A.M., Duke University, 1945.

WATSON, SAMUEL MCIVER, JR., *Assistant Professor of Mechanical Engineering.*
A.B., Elon College, 1936; B.S., 1937, M.S., 1942, North Carolina State College.

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*On Leave.
**On Military Leave.

WEBB, WILLIAM EDWARD, *Instructor in History.*
A.B., Hampden Sydney College, 1943; Graduate Work, Duke University, 1945-1946.

WHITE, THOMAS ARLINGTON, *Professor of Vocational Education.*
B.S., 1924, M.S., 1929, North Carolina State College; Ph.D., Cornell University, 1933.

WHITNEY, JOHN BARRY, JR., *Assistant Professor of Botany.*
B.S., University of Georgia, 1935; M.S., North Carolina State College, 1938; Ph.D., Ohio State University, 1941.

WILLIAMS, WILLIAM BRATTON, *Assistant Professor of Weaving and Designing.*
B.S., Clemson Agricultural College, 1925; Graduate Work, Pennsylvania State College, Summers 1939, 1940.

WINTER, JAMES PAUL, *Assistant Professor of English.*
A.B., Marshall College, 1930; M.A., Columbia University, 1932; Graduate Work, Columbia University, 1932-1933, Summers 1939, 1940; New York University, Summers 1936, 1938; Tulane University, Summer 1935.

WISS, HENRY HAROLD, *Assistant Professor of Architecture.*
B. Arch., 1935, M. Arch., 1937, Rensselaer Polytechnic Institute; Graduate Work, Virginia Polytechnic Institute, 1943.

WOOD, KENNETH L., *Assistant Professor of Physics.*
B.S., Carson Newman College, 1932; M.S., University of Tennessee, 1934; Graduate Work, Duke University, Summer 1940.

STANDING COMMITTEES OF THE FACULTY—1946-1947

ATHLETICS:

Milford, *Chairman;* Gage, Mitchell, Rhodes, Watkins, Frank Howard, Coach, *ex officio;* J. C. Littlejohn, Business Manager, *ex officio;* G. E. Metz, Registrar, *ex officio.*

BUILDINGS AND GROUNDS:

Watson, D. J., *Chairman;* Glenn, H. E., Holmes, Hunter, J. E., Lee, McGinty, Musser, Nutt, Rhodes, Sams, Webb.

CALENDAR:

Ward, *Chairman;* Cole, Crouch, Hardin, Holtzendorff, Howard, McGinty, Meade, Metz, Morgan, Pinckney, Miss Shanklin, Sherman, J., Thackston, Woodward, Editor of The Tiger, *ex officio;* President of the Senior Class, *ex officio;* President of Tiger Brotherhood, *ex officio;* President of Blue Key, *ex officio;* President of Central Dance Association, *ex officio.*

CATALOG:

Metz, *Chairman;* Epting, Glenn, H. E., Kinard.

CONCERT SERIES:

Metz, *Chairman;* Freeman, E. J., Goodale, Hill, G. H., McGarity, Sherman, J., Waite, Watson, D. J., Miss Shanklin, and student members: Cook, V. W., Osborne, E. L. B., and Whisnant, W. L.

CURRICULA, COURSES, AND ENTRANCE REQUIREMENTS:

Calhoun, *Chairman;* Aull, W. B., Bradley, Brown, H. M., Earle, Metz, Sheldon.

DEFICIENT STUDENTS:

Kinard, *Chairman;* Epting, Green, J. C., Hunter, J. E., LaGrone, Starkey, Tingley.

ETHICS AND RELIGION:

Crouch, *Chairman;* Cole, Hardin, Holtzendorff, Meade, Pinckney.

FOOD AND NUTRITION:

LaMaster, *Chairman;* Littlejohn, Morgan, Musser, Nutt, Patrick, Starkey, Van Blaricom, Mess Officer, *ex officio.*

GRADUATE WORK:

Calhoun, *Chairman;* Arndt, Aull, G. H., Brown, H. M., Carodemos, Collings, Cook, J. M., Freeman, E. J., Glenn, H. E., Green, J. C., Huff, Hunter, H. L., Sams, Taylor, Ward, Webb.

LIBRARY:

Bradley, *Chairman;* Anderson, R. L., Aull, G. H., Bryan, Carodemos, Collings, Earle, Gage, Green, C. B., Holmes, Lee, Lindsay, Rosenkrans, Taylor, Ward, Watkins, Miss Graham, Librarian, *ex officio.*

LOANS:

Littlejohn, *Chairman;* Brown, A. J., Evans, Hill, G. H., Howard, Woodward.

PUBLIC LECTURES:

Ward, *Chairman;* Bradley, Freeman, E. J., Green, J. C., Goodale.

PUBLICATIONS AND RADIO:

McGinty, *Chairman*; Bryan, Eleazer, Lane, Sherman, J., Miss Holden. (J. D. Lane, Faculty Adviser for student publications.)

RECREATION:

Webb, *Chairman;* Cannon, Epting, Gage, Glenn, H. E., Godbey, Hill, G. H., Miller, Musser, Nutt, Patrick, Roark, Watson, D. J.

RESEARCH:

McGinty, *Chairman;* Carodemos, Lease, Lindsay, Sheldon, Stepp, Tingley, Cornelia Graham, Librarian, *ex officio;* J. C. Littlejohn, Business Manager, *ex officio.*

SCHEDULE:

Aull, W. B., *Chairman;* Brock, Cox, Gage, Huff, LaGrone, Metz, Pollard, Tingley.

SCHOLARSHIP AND HONORS:

Sheldon, *Chairman;* Carodemos, Cox, Curtis, Green, J. C., Lindsay, McGinty, McKenna, Monroe, Schirmer.

SOCIAL FUNCTIONS:

Edwards, *Chairman;* Anderson, R. L., Cox, Curtis, Goodale, Green, J. C., Hill, G. H., Holtzendorff, Paden, Ritchie, Tingley, The Commandant.

STUDENT GOVERNMENT:

Goodale, *Chairman;* Armstrong, Lane, Marshall, Metz, The Commandant.

STUDENT ORGANIZATIONS (Including Honor Societies):

Eaton, *Chairman;* Brock, Collings, Freeman, E. J., Goodale, Marshall, Schirmer, Sheldon, Taylor, R.

STUDENT WELFARE:

Lane, *Chairman;* Aull, G. H., Bell, Blair, Coker, Hill, G. H., Hunter, H. L., Hunter, J. E., Jones, R. M., LaMaster, Metz, Sams, Washington.

UNIFORMS:

Littlejohn, *Chairman;* Eaton, Evans, Holtzendorff, The Commandant, Douthit, Trustee Member.

VISITORS:

Woodward, *Chairman;* Goodale, Hill, G. H., Holtzendorff, Miss Shanklin, Watson, D. J., The Commandant.

Y. M. C. A.

Martin, *Chairman;* Aull, G. H., Douthit, J. B., Trustee Member; Earle, Evans, Goodale, Green, J. C., Henry, J. A., Alumni Member; Hunter, J. E., Kinard, Littlejohn, McGinty, Ward, Young, T. B., Trustee Member; R. F. Poole, President, *ex officio;* D. A. Kennerly, President Y.M.C.A., *ex officio;* P. B. Holtzendorff, Jr., General Secretary Y.M.C.A., *ex officio.*

OTHER OFFICERS AND ASSISTANTS

Jacob Henry Woodward—*Assistant to the President*
Virginia Earle Shanklin, A.B.—*Secretary to the President*
Kenneth Notley Vickery, B.S.—*Assistant Registrar*
Reginald Justin Berry, B.S.—*Assistant to the Registrar*
Helen Coker, A.B.—*Assistant to the Registrar*
Jean Beverly Sloan—*Assistant to the Registrar*
John Goodman, B.S., A.B. in L.S.—*Assistant Librarian*
James Mitchell Reames, B.A., B.S. in L.S.—*Assistant Librarian*
Sarah Ray Shirley, A.B., B.S. in L.S.—*Assistant Librarian*
Angelina Hall Way, A.B., B.S. in L.S.—*Assistant Librarian*
Emma Bishop Bishop, B.A.—*Cataloger*
Faye Mitchell, A.B.—*Assistant to the Librarian*
Joseph Edgar Sherman, B.S.—*Director, News Bureau*
Graham Hamilton Hill—*Assistant Business Manager*
Virginia Poole—*Assistant to the Business Manager*
Henry Hughes Hill, Jr., B.S.—*Manager, Housing Project*
Andrew Joseph Brown, B.S.—*Assistant Treasurer*
Trescott Newton Hinton, B.A.—*Assistant Bookkeeper*
Joseph Shelor Walker, B.S.—*Assistant Bookkeeper*
Helen Morrison—*Assistant to the Treasurer*
William Thomas Davis, Master Sergeant, U. S. Army—*Sergeant Major*
Irene Julian, R.N.—*Head Nurse, Clinical Supervisor*
Myrtle Dean—*X-Ray and Laboratory Technician*
Gladys Mitchell, R.N.—*Drug Nurse, Assistant Clinical Supervisor*
David Joseph Watson, B.S.—*Supt. of Buildings and Grounds*
William Ernest McGuire—*Asst. Supt. of Buildings and Grounds*
James Douglas Harcombe—*Mess Officer*
Preston Brooks Holtzendorff, Jr., *LL.B.*—*General Secretary, Y.M.C.A.*
John Roy Cooper, B.S., M.A.—*Associate Secretary, Y.M.C.A.*
Harold Cole, A.B., B.D.—*Pastor, Baptist Church*
John Adams Pinckney, *B.D.*—*Rector, Episcopal Church*
Sydney J. L. Crouch, B.D., Th.D.—*Pastor, Presbyterian Church*
Elliott Wannamaker Hardin, *A.B., B.D.*—*Pastor, Methodist Church*
Francis Eugene Meade, A.B.—*Pastor, St. Andrews Catholic Church*

†List of other officers and assistants compiled November 1, 1946.

PART II—INFORMATION

GENERAL INFORMATION

Clemson is a land-grant college, a state institution, and one of the A. and M. colleges which emphasizes agriculture and mechanical industries. Clemson is fully accredited by the Southern Association of Colleges and Secondary Schools.

The twenty-six curricula under the Schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education form a background of training for the hundreds of occupations in which Clemson graduates engage. In addition to the training for a specific occupation, each curriculum is broadened to include fundamental training in the occupational area as well as the worthwhile values of general education. Although the College is organized on the university plan of various schools, it retains its entity through the inter-relationships of schools and departments in providing a well-balanced educational program.

The enrollment of Clemson has grown from 446 students in the opening of the college in 1893 to a pre-war peak of 2,381 and a current enrollment of 3,127. During this period almost 20,000 students have attended Clemson and of this number more than 6,800 are graduates.

REQUIREMENTS FOR ADMISSION

Entrance Requirements. The requirements for entrance to Clemson include graduation from an accredited high school with at least sixteen units; of the units presented for admission, at least three must be in English, one and one-half in algebra, one in plane geometry, and one in history.

Students who cannot fulfill the requirements outlined above may be considered for admission as follows:

(1) Applicants who have qualified for a South Carolina High School Certificate by examination are given very careful consideration. The final decision is dependent upon the quantity and

quality of such work as has been completed in high school as well as upon the fact that the applicant has qualified for the certificate.

(2) Mature students who cannot meet the formal requirements indicated above but who have an adequate educational background for scholastic work in college may qualify for admission by passing the entrance examinations. Further information will be furnished on request.

Application Blanks. Blanks to be used in applying for admission may be obtained from the Registrar, Clemson College, Clemson, South Carolina.

Placement Tests. Placement tests, required of all students are given within a day or two after matriculation. The placement tests consist of examination on basic information in mathematics and English. The purpose in giving the tests is to determine which students are in need of review courses in mathematics and English before attempting college courses in these important subjects. It is in the interest of the student that he is required to take such a review course if he does not make a qualifying score on the placement test. Such students may begin taking their other freshman subjects, but will postpone freshman mathematics, English, or both, until after they complete satisfactorily the review course or courses required. All new students will be required to take the placement tests, but those who have previously completed college courses in mathematics and English will not be required to take the review courses in these subjects.

Admission to Advanced Standing. Work that has been completed in other colleges will be carefully considered and evaluated in terms of equivalent courses in the curriculum at Clemson selected by the student. The applicant must present for consideration: (a) a statement of honorable dismissal from the institution last attended, (b) an official transcript of his record, including entrance credits and (c) an official statement that he is eligible to return to the institution last attended. College credits given by transfer are provisional and may be cancelled at any time if the student's work is unsatisfactory. A student coming from another institution must spend at least one regular session in the College before he is eligible to apply for a degree.

Matriculation. Students upon arrival at the College at the opening of the session must report at once to the Registrar's Office. New students will be directed in the procedure necessary to complete their enrollment. A student's matriculation with the College is equivalent to his pledge to conform to the rules of the institution. Any admission gained or matriculation made irregularly is subject to cancellation.

EXPENSES

Settlement of College Fees. The Treasurer of the College is the fiscal officer and all transactions relating to payments must be conducted through him. The entrance payment includes the full cost of uniform plus fees and living expenses for the first quarter and must be made before a student can be assigned to a room in barracks or permitted to begin work. Other payments are due as indicated. Remittances should be made in cash, money order, cashier's check, or by local check made payable to A. J. Brown, Treasurer. All remittances made by mail must be addressed to: The Treasurer, Clemson College, Clemson, South Carolina. A personal check which is given in payment of dues and is returned by the bank unpaid automatically cancels a student's reservation and automatically drops from class rolls a student who is in school.

Expenses. The cost to South Carolina barracks students for board, laundry, room, all fees, and tuition will amount to $424.00 for the 1947-1948 session. Students from other states pay an additional $170.00. The State Law requires that all non-resident students pay the out-of-state tuition. The bona fide residence of the parent, or legal guardian, determines the residence of the student. On account of rising markets, it may be necessary to increase the charges for living expenses at any time.

In addition to the expenses indicated above, each cadet will pay to the College Treasurer the sum of $92.30 to cover the cost of the uniform.

The payments for regular cadets, including room, board, laundry, all fees, tuition, and uniform are indicated below.

Payments Due	South Carolina Students	Non-Resident Students
At entrance	$198.30	$240.80
November 17	106.00	148.50
February 2	106.00	148.50
April 7	106.00	148.50

The payments for room, board, and laundry, for qualified non-ROTC veterans staying in the barracks are given below:

Payments Due	Qualified Veterans in Barracks
At Entrance	$65.95
November 17	65.95
February 2	65.95
April 7	65.95

For veterans qualified for benifits under the G. I. Bill or Veteran's Vocational Rehabilitation, the Veterans Administration pays tuition fees and the costs of necessary books and supplies. The veteran pays his own living expenses but the subsistence checks to be received by the veterans will more than reimburse him for the cost of living in the barracks at Clemson.

Information concerning payments for Day Cadets will be furnished on request.

Books and Supplies. The cost of books is not included in the figures given above. Freshman books and supplies cost approximately $35.00 at the beginning of the regular session. For veterans, qualified for benefits under the G. I. Bill or Veterans Vocational Rehabilitation, books and educational supplies will be issued, the cost to be paid by the Veterans Administration.

Uniforms. Clemson cadets will resume wearing the distinctive gray uniforms at the beginning of the 1947-1948 session. Beginning next September, the uniform garments required will be: 1 gray service coat, 2 gray service trousers, 2 gray service caps, 1 blue mackinaw, 1 web waist belt, and 1 raincoat.

The cost of the complete outfit will be $92.30, payable at entrance.

Due to the fact that the college was unable to secure a satisfactory supply of gray cotton shirts, white cotton shirts will

be permitted during the 1947-1948 session. Each cadet must furnish his own shirts.

After the first year the cadet will be required to purchase only needed articles. Based on usage prior to the war the minimum requirements for each succeeding year will be: Sophomore Students, $17.00; Junior Students, $43.00; and Senior Students, $17.00.

Refunds. No refunds will be made on Tuition and Fees other than living expenses after five weeks attendance during the semester. Refunds for periods of attendance during the semester of less than five weeks will be based upon a charge of 20% for less than two weeks, 40% between two and three weeks, 60% between three and four weeks and 80% between four and five weeks.

Living expense items will be refunded on a prorata basis, holidays excepted, for periods unused in excess of two weeks.

Lost or Damaged Articles:

1. The College will not be liable for articles lost or stolen in the barracks.

2. The College will not be liable for lost or damaged laundry unless reported within two days after the date upon which the laundry was due to be delivered, and then not more than the actual depreciated value of such articles as have been lost or damaged.

Student Banking Accounts. For the convenience of students the College operates a banking department in the Treasurer's Office where money can be deposited and withdrawn as the occasion may demand. This service is purely local. Students are urged to deposit their money in the bank and not to keep it in their rooms.

Books and Supplies. The L. C. Martin Drug Co., Inc., conducts a store near the campus and maintains a book and supply store where students may purchase textbooks, drawing instruments and other supplies. A complete list of the textbooks used in each course, together with their prices will be furnished on application to the book store.

Each student will be required to own his textbooks and necessary equipment. All students shall submit their textbooks and other equipment for inspection at such times as are ordered.

Optional Expenses. It is not possible to give an estimate of a student's expenditures for such amusements as dancing, moving pictures, etc. This depends largely upon the disposition of the young man. The College endeavors to reduce to a minimum the temptation to spend money needlessly, but the authorities cannot be responsible for a student's private expenditures. This must be a matter between him and his parents.

Transcripts. Official transcripts of scholastic records are issued on request. One transcript is furnished free; additional copies are issued for one dollar each. Remittances for transcripts should be made payable to The Treasurer, Clemson College, but should accompany transcript requests and should be mailed to The Registrar.

Student Aids. A number of young men secure positions as waiters in the mess hall, for which service they are paid at the rate of about thirteen dollars a month. These positions are filled by the Mess Officer, to whom all correspondence should be addressed.

LOAN FUNDS

John Bryce Baskin Fund. Interest on $2,000 given by Cecil L. Reid, of the Class of 1902, as an appreciation of the aid given him by Mr. Baskin. This fund is "Available to any resident of South Carolina but if all other things are equal, preference is to be given the boy or boys from York or Newberry Counties, South Carolina."

The William Wilson Finley Loan Fund. The sum of $1,000 has been deposited with the College to be used as a loan fund to students living in counties traversed by the Southern Railway or the Blue Ridge Railway.

The George Cherry Foundation. Mrs. Mary Cherry Doyle has donated $1,000 to aid worthy and needy students from Oconee County and that part of Anderson County including Pendleton. This fund is not available for first-year students.

The U. D. C. Loan Fund. The John C. Calhoun Chapter of the U. D. C. has created a fund of $500 to be loaned to lineal descendants of the Confederate veterans. This fund is limited to juniors and seniors.

Clemson Student Loan Association Fund. A number of interested teachers, officers, alumni, and friends of Clemson College have contributed $2,500 to be loaned to worthy Clemson students.

The Wade Stackhouse Loan Fund. A gift of $20,000 from Dr. Wade Stackhouse of Dillon, whose father, the late Hugh Milton Stackhouse, was a trustee of Clemson has been deposited with the College. The fund is designed to furnish assistance through loans to ambitious Clemson graduates who give promise of becoming leaders in research.

Daniel Memorial Loan Fund. Interest on $10,000 given by Daniel Construction Company as a memorial to the late James Fleming Daniel and Fred Adams Daniel, father and brother respectively, of the officers of the corporation.

The College is in need of funds to lend worthy students. Donations for this or other purposes may be made to the Board of Trustees of Clemson College, or to the Trustees of the Clemson Alumni Foundation. The President of the College or the Secretary of the boards named above will be glad to communicate with any person who is interested in establishing such a fund.

ANDERSON FELLOWSHIP

The Alexander P. Anderson and the Lydia Anderson Fellowship. Mr. and Mrs. Anderson have given to the Clemson Agricultural College the sum of $12,500 for the purpose of establishing a fellowship fund. The income from this trust fund is to be used for the purpose of awarding a scholarship or fellowship to one or more Clemson graduates for advanced work in biological sciences including bacteriology and entomology. The scholarship is to be awarded annually by the faculty of the Clemson Agricultural College to an outstanding student. The name of the beneficiary is reported to the Board of Trustees, and an accounting of the funds by the Treasurer of the College is made annually.

SEARS ROEBUCK SCHOLARSHIPS

The Sears Roebuck Agricultural Foundation has made funds available for freshman agricultural scholarships at Clemson for the past several years. There were sixteen one-hundred-dollar Sears Roebuck Scholarships available for 1946-1947 for freshmen who took the agricultural course. The scholarships are awarded on the basis of a competitive examination. Further information concerning these awards may be secured from Mr. W. B. Aull, Vice-Dean, School of Agriculture, Clemson College, Clemson, South Carolina.

BUILDINGS AND GROUNDS

Buildings. The Administration Building houses the offices of the President, the Registrar, the Commandant, the Treasurer, the Business Manager, the Professor of Military Science and Tactics, and the Dean of the School of Arts and Sciences. This building also has over twenty classrooms. At the north end of the building is Memorial Hall, the College Auditorium, with a seating capacity of about eighteen hundred.

The Library Building, located in approximately the center of the campus, houses the Main Library, the Agricultural Reference Department, the Museum, the Recreational Reading Room and the Music Room. The Social Science Department uses four class rooms on the second floor, and the Mailing Room for the Experiment Station and Extension Departments, is on the basement floor.

The Library contains 75,209 bound volumes, consisting of books, periodicals and U. S. Government Publications. In addition to the bound volumes the Library contains 745,000 unbound Federal, State, Experiment Station and Extension Service publications; 6,948 unbound periodicals and 38,000 pamphlets and clippings in the vertical subject file. A grant from the General Education Board is enabling the Library to greatly strengthen its holdings of scientific and technical periodicals, journals and books.

The Museum is located on the balcony of the Main Reading Room. It contains many interesting items—Indian Relics, mounted

birds and animals, and World War I and II relics, all of which were gifts from friends and alumni.

The Recreational Reading Room is located in the basement of the Library Building, is beautifully and comfortably furnished, and contains many popular and attractive books, current magazines, and daily newspapers.

The Music Room, also located on the basement floor, contains a Carnegie Collection of 1,068 recordings of classical and semi-classical music, an RCA record player, along with music scores and other books relating to music.

The Library Staff consists of five professionally trained Librarians and several other non-professional assistants and clerical workers. A trained Librarian is always on duty to assist faculty and students.

The Library is open daily from 8 A. M. until 10 P. M., Monday through Friday, from 8 A. M. to 6 P. M. Saturdays, and from 2 P. M. to 10 P. M. Sundays, with the exception of holidays.

The instructional work of the institution is maintained largely in the departmental buildings. The Schools of Agriculture, Engineering, Textiles, Vocational Education, and Chemistry have individual buildings especially designed for their purposes. The School of Arts and Sciences is located in the Administration Building with additional classrooms in the Library and the Physics Building. Certain laboratory work is conducted at the greenhouses, live stock barns, poultry plant, veterinary hospital, and other buildings on the college farm.

The cadet barracks consist of nine large brick buildings—five of which were constructed since 1935 and three temporary wooden structures erected during 1946. All barracks are steam-heated, electrically-lighted, and supplied with hot and cold water. The one thousand and twenty-six rooms in the barracks are furnished with single-width iron cots and other necessary equipment.

The Hospital, located about a quarter of a mile from the barracks, is a wooden building, especially designed for the purpose. The equipment includes a Victor X-ray machine, a new

Burdick ultra-violet ray machine, and a sorensen machine of the latest design for ear, eye, nose, and throat treatments.

The Y. M. C. A. building is a four-story structure equipped with club rooms, lounge rooms, game rooms, and has in addition, thirty rooms available for permanent roomers, guests, and transients. Some of these rooms are reserved for members of the Extension Department and other visitors and guests, and are equipped with connecting or private baths. All the rooms are furnished with Simmons beds and Beautyrest mattresses. Having an auditorium, gymnasium, and swimming pool, the YMCA building is admirably fitted to serve as a center of social activities and voluntary religious work. Two auditoriums equipped with heating and cooling systems provide accommodations for numerous conferences, especially during the summer months when fewer students are in school.

The Physical Education Building consists of a central office and dormitory section, a field house, and a gymnasium.

The Laundry, which is operated exclusively for the students, is a brick building, equipped with improved modern machinery.

The Clemson College Hotel, a frame building, is situated on a hill overlooking the campus. This building and numerous brick and frame residences furnish homes for a number of the college teachers and officers.

Fort Hill, the former home of John C. Calhoun, is located on the Clemson campus. In accordance with the provisions of Mr. Clemson's will, this residence has been made a shrine in honor of Mr. Calhoun. Several pieces of furniture and other interesting relics, formerly the property of Mr. Calhoun, are carefully preserved in this home, where they may be seen by visitors to the college.

Grounds. The college grounds comprise about 1,544 acres, including the campus, the farm, and the Experiment Station grounds. The two-hundred acre campus is laid out in walks, drives, and lawns, and is shaded by a beautiful grove of native forest trees.

LIVING CONDITIONS

At Clemson cadets live in barracks under military discipline. A cadet must at all times be present or accounted for. The barracks or dormitories are divided into "halls" for military purposes, a unit being assigned to a hall under the supervision of a cadet officer.

Cadet officers remain on duty both day and night at the guard room, in which is located a long-distance telephone with twenty-four hour service.

Each student room is equipped with necessary furniture. The beds are single width. Bed linen, bed covers, pillows, and towels must be furnished by the students. All students are required to provide themselves with two laundry bags.

The dining hall, or mess hall, is located in Barracks No. 1. It is equipped and is under the supervision of the mess officer. The kitchen and cold storage plant are among the best in the South. All students living in the barracks eat in the dining hall.

Three hundred and forty-eight houses for veteran students with families are also provided. These houses are the prefabricated type and are equipped with space heater, cooking range, hot water heater and ice boxes. Furniture for the homes is available at a low rental rate. Applications should be submitted to the Clemson Housing Project, located in the Administration Building.

RESERVE OFFICERS' TRAINING CORPS

All cadets of the college are required to take military training. Subject to the allotment of sufficient funds by the War Department and to the maintenance of good records by cadets, all physically qualified cadets of Clemson College are members of the Reserve Officers' Training Corps during the first two years of residence, unless they have completed the basic course in other senior units. Qualified veterans of World War II are excused from all military functions, but may elect to become a member of the ROTC with permission of the PMS&T.

STUDENT HEALTH SERVICE

The Surgeon, who has complete charge of the hospital, is one of the regular officers of the College, and his special duty is to look after the health of the students.

At a specified time every day, students who desire may consult the Surgeon, and those who are admitted to the hospital are cared for by experienced nurses in the college hospital. In case of necessity students are allowed to consult the Surgeon at any time, or to send for him in an emergency.

The Surgeon cannot undertake to notify parents every time a student reports to the hospital for medicine, or for rest on account of some slight complaint. However, they may rest assured that they will be notified at once of sickness of any consequence.

The medical fee paid by each student is intended to cover all ordinary cases of sickness and their treatment. It is not intended to cover fees of doctors or specialists called into consultation, for performing operations, for special nurses, or for any medical or surgical attentions performed away from the College; and the College does not assume any responsibility for accidents that happen away from the College. Such expenses must be borne by the parents. The right of the College Surgeon, with the approval of the President of the College, to incur in behalf of any student under his care any of these extra services is hereby expressly reserved.

The college swimming pool at Clemson is located in the Y. M. C. A. Swimming class, life saving, and instructor's courses are given. Members of the freshman and varsity swimming teams train here and many company swimming meets are scheduled. The pool is heated throughout the winter months and it is filtered and chlorinated with electric equipment.

Intramural athletics are encouraged and sponsored by the Physical Education Department and the Y. M. C. A. All of the companies with military organization and athletic officers have teams in such sports as basketball, volleyball, swimming, baseball, and soccer. These competitive games receive hearty support

from many students and afford an opportunity for active participation. Practically all of the students at Clemson participate in some form of recreation or an intramural sport. Quite a number take part in many intramural sports. Participation is voluntary, but the majority of the students take advantage of this opportunity for wholesome recreation and physical direction. A director and trained student leaders are provided by the YMCA and these cooperate with A & R officers and with interested veterans.

RELIGIOUS INFLUENCES

Clemson cooperates with the various churches and the Y. M. C. A. in the religious training of its students. The Y. M. C. A. located on the campus, provides accommodations for all denominational groups not having church homes on the campus and is used a great deal by campus church groups, often because it is so convenient and accessible. Numerous union services and cooperative meetings of young peoples' societies of the campus churches and of the Y. M. C. A. Councils, and Cabinet afford a united front for religious services.

Five denominations: Baptist, Episcopal, Methodist, Presbyterian, and Roman Catholic, have erected churches in the community. Arrangements are made for services for students of other denominations. Sunday schools and young people's church societies are maintained by the local churches. Attendance upon the services of these organizations is voluntary.

Courses in Religion, which are credited as free electives, are offered. This work is not financed by the College. For information regarding these courses see the description of courses.

HISTORICAL STATEMENT

In 1889, the General Assembly of South Carolina accepted the bequest of Thomas G. Clemson, which set aside the bulk of the Clemson estate for the founding of a scientific and technical college. The institution was also established under the Morrill Land-Grant Act passed by the National Congress in 1862. Clem-

son College, therefore, is the Agricultural and Mechanical College of South Carolina and is a member of the national system of Land-Grant Colleges and Universities.

The nature of the institution is outlined in Mr. Clemson's will and its acceptance by the legislature.

The will in part reads:

"Feeling a great sympathy for the farmers of this State, and the difficulties with which they have to contend in their efforts to establish the business of agriculture upon a proper basis, and believing that there can be no permanent improvement in agriculture without a knowledge of those sciences which pertain particularly thereto, I have determined to devote the bulk of my property to the establishment of an Agricultural College upon the Fort Hill Place. My purpose is to establish an Agricultural College which will afford useful information to the farmers and mechanics; therefore it should afford thorough instruction in agriculture and the natural sciences connected therewith; it should combine, if practicable, physical with intellectual education; and should be a high seminary of learning in which the graduate of the common schools can commence, pursue and finish a course of studies terminating in thorough theoretic and practical instruction in those sciences and arts which bear directly upon agriculture. * * * * but to always bear in mind that the benefits herein sought to be bestowed are intended to benefit agriculture and mechanical industries. * * * * I trust I do not exaggerate the importance of such an institution for developing the material resources of the State, by affording its youth the advantages of scientific culture.

"The desire to establish such a school or college, as I have provided for in my said last will and testament, has existed with me for many years past, and many years ago I determined to devote the bulk of my property to the establishment of an Agricultural School or College. To accomplish this purpose is now the one great desire of my life."

This will gave all that part of the Fort Hill Estate inherited by Mrs. Clemson from her mother and the bulk of Mr. Clem-

son's other real and personal property. The latter amounted to a sum, which, considering the purchasing power at the time, probably has been only a few times exceeded in a public benefaction in South Carolina.

A Board of Trustees of seven members was provided for: R. W. Simpson, D. K. Norris, M. L. Donaldson, R. E. Bowen, B. R. Tillman, J. E. Wannamaker, and J. E. Bradley, who with those chosen by the General Assembly, should constitute a governing board in case the State accepted the bequest; but, who, in case the State declined the bequest, should alone constitute a governing board for a private institution.

These seven trustees, along with other friends of the movement, and the agricultural groups in the State developed and organized a public opinion favorable to the plan.

In November, 1889, the General Assembly of South Carolina accepted the terms of the will, and, following the decision of the United States Supreme Court to uphold the will, the State of South Carolina and the full Board of Trustees proceeded to convert the dream of Thomas G. Clemson into the reality of Clemson College.

The College was formally opened in July, 1893, with an enrollment of 446 students. The first graduating exercises were held in December, 1896, with a graduating class numbering thirty-seven—fifteen in the agricultural courses and twenty-two in the engineering courses.

LOCATION

The College is located on the Fort Hill homestead of John C. Calhoun, in the foothills of the Blue Ridge Mountains. It has an elevation of 800 feet above sea level and commands an excellent view of the mountains to the north and west, some of which attain an altitude of over five thousand feet.

The College is located at Clemson, S. C., on the main line of the Southern Railway, and four miles from Pendleton, on the Blue Ridge Railway. State Highways numbers 13 and 28 pass through Clemson, and daily bus service at regular intervals is available.

CLEMSON COLLEGE ALUMNI CORPORATION

The Alumni Corporation has established a permanent office on the campus. The office is in charge of a secretary, who is elected by the Board of Directors of the Corporation. The Clemson office is a clearing house for all matters concerning the alumni. In addition to keeping accurate records of addresses and information concerning alumni, the Corporation has established at the Clemson headquarters, a bureau for repairing Clemson class rings, and for securing duplicates of these rings.

The Corporation holds its regular annual meeting at the College on Saturday of Commencement. At this meeting all officers are elected. The Secretary is elected by the Board of Directors which is in turn responsible to the general Corporation for the conduct of its business. The purpose of the Alumni Corporation is to serve the College and the alumni in every possible way. All correspondence regarding its affairs is conducted through the Clemson office.

Graduates and former students are requested to keep the Alumni Office informed as to change of address, occupation, and other matters that will be of interest to those in charge of Alumni Records and mailing lists.

The Alumni Corporation is now raising a fund to be used in educating the sons and daughters of Clemson men who were killed in World War II. The fund now stands at approximately fifty-thousand dollars. Anyone interested in contributing to this fund should contact the Alumni Secretary, Clemson College, Clemson, South Carolina.

PART III—STUDENT LIFE AND ACTIVITIES

CADET MILITARY ORGANIZATION

Clemson College is operated as a military school,—not for the purpose of making soldiers, but in order that the students may learn the importance of loyalty and obedience to authority, and acquire the habit of being courteous, systematic, and punctual.

The military system places every student on an equal standing. All cadets wear the uniform, live under the same conditions, and are subject to the same privileges and restraints.

The military system does not in any way interfere with the regular college work, but on the other hand enables it to maintain a higher level of efficiency. Military training is a feature that gives to Clemson's graduates an advantage which is an important factor in their future progress and success.

CLUBS AND SOCIETIES

Honor Fraternities. Honor scholarship organizations, including Tau Beta Pi, Sigma Tau Epsilon, Phi Psi, Alpha Zeta, Alpha Tau Alpha, Iota Lambda Sigma, and Alpha Chi Sigma, give recognition to superior work done by Engineering, Arts and Sciences, Textile, Agricultural, Agricultural Education, Industrial Education, and Chemistry students respectively.

The Phi Kappa Phi, honor society, and the Phi Eta Sigma fraternity both have chapters at Clemson. The former is an all-college honor organization composed of members of the senior class. The latter is a freshman organization with members selected from students who attain a high scholastic standing during the first semester of the freshman year.

The military activities of the cadet officers of the corps are recognized in membership in the Society of Scabbard and Blade, a national military honor fraternity. The Pershing Rifles, a national honorary military organization, also has a chapter at Clemson.

The Blue Key, a national fraternity based upon leadership, has a chapter at Clemson, as does Alpha Phi Omega, a national fraternity for former Boy Scouts. The Tiger Brotherhood is a local organization at Clemson which stresses the qualities of leadership.

Student Clubs. Students majoring in various courses of instruction have organized clubs. Among such clubs are included the Agricultural Economics Society, the Dairy Club, the Horticultural Club, the Minaret Club (an architectural organization), the Athanor (a chemical society), and Iota Epsilon (Industrial Education) and the Animal Husbandry Club.

The Calhoun Forensic Society and the Strawberry Leaf promote literary activities among the students; and the Gamma Alpha Mu recognizes superior journalistic service rendered by students.

Engineering Societies. Outstanding students majoring in engineering courses are selected for membership in the Student Chapter of the American Institute of Electrical Engineers, American Society of Mechanical Engineers, American Society of Civil Engineers and the American Society of Agricultural Engineers.

The Y. M. C. A. and the Clemson Churches are recognized through organizations of the Baptist Student Union, Brandeis Club, Canterbury Club, Newman Club, Presbyterian Students Association, Wesley Foundation, Y. M. C. A. Cabinet, and the "Y" Council representing each of the four classes.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Y. M. C. A. partakes of the nature of a small city Y. M. C. A. While it is recognized as a student association, the tremendous volume of community service undertaken in the building might easily qualify it as a community building. The Athletic Association has granted permission for the Y. M. C. A. to sponsor basketball and volley ball games in the Field House. Hundreds of basketball and volley ball games are participated in by students, Faculty, Campus children, and visitors from neighboring communities. Saturday morning games are sponsored for children

of the community. A picture program is provided for boys and girls of the community as well as students and the swimming pool is available during the winter and summer months for campus children and visitors such as scout groups, 4-H groups, FFA and others. Social functions sponsored by the Y. M. C. A., or with the Y. M. C. A. cooperating, and Open House programs are almost daily occurrences in the club rooms, scout rooms, and cabinet rooms. It is here that many visiting groups are entertained with, and for, students and campus organizations. Evening Watch prayer group, forum groups, freshmen, sophomore, junior, and senior councils all cooperate with, and under, the leadership of the Y. M. C. A. senior cabinet to make possible a real spiritual and mental development in the lives of all the students. Sixty-two faculty members and others visited with students in their evening watch or forum meetings in barracks last year and many student leaders took part in these meetings.

The Y. M. C. A. has supervision of voluntary religious activities of the students and endeavors to contribute to the religious, social, and physical life of the college community.

There are two Vesper services in the Y. M. C. A. auditorium each Sunday. Usually 400 or more attend the afternoon Vesper and often 550 or 600 attend the evening Vesper. Outstanding speakers and many visiting deputation groups are supplemented by local speakers, ministers, and campus leaders. Many educational, news, and travel reels are shown for the students over the weekend. In recent years a number of outstanding speakers have returned to the campus. Included in this group have been many graduates of Clemson who have achieved distinction in the field of education, religion, industry, science, and agriculture.

ATHLETICS

It is the policy of the College to sanction and encourage athletics so long as participation does not interfere with studies and other duties. Football, baseball, basketball, and track are the most popular sports.

The College is a member of the Southern Conference and of the South Carolina Inter-collegiate Athletic Association. In

order to participate in inter-collegiate athletics, the student must meet the requirements of the Southern Conference as well as the requirements of the College.

No member of an athletic team is eligible for a managerial position in any other branch of sport.

No team is allowed to leave the College grounds to participate in any match game unless accompanied by the authorized coach or other member of the faculty, who shall be responsible to the College for the conduct of the players while away.

No student is eligible to participate in an inter-collegiate contest who is away from the College without proper authority or without having complied with all the rules or orders issued by the President regarding such matters.

MEDALS AND HONORS

Trustees' Medal. The Board of Trustees has provided for a gold medal to be awarded annually at Commencement to the best speaker among the representatives of the literary societies.

The medal was not awarded in 1945 or 1946 because of the small number of graduates.

Norris Medal. The following is from the will of the Hon. D. K. Norris, a life trustee of Clemson, who died in 1905:

"I give $500 face value, Norris Cotton Mill stock . . . on condition the dividend thereon shall be applied annually to the purchase of a gold medal, to be known as the 'Norris Medal', to be awarded to the student of Clemson meriting the same at graduation, under such rules and conditions as may be prescribed by the said Board of Trustees, and which medal shall have engraved on it 'Honor habet onus' (Honor brings responsibility)."

The medal was not awarded in 1945 or 1946 because of the small number of graduates; however, the graduates of 1944, 1945, and 1946 will be considered as eligible for this medal when it is next awarded and their records will be given equal consideration with the records of subsequent graduates.

R. W. Simpson Medal. A medal designated as the "R. W. Simpson Medal" is awarded annually to the best drilled cadet in the freshman, sophomore or junior class.

In 1945 the medal was awarded to John Brooks Lowman,, Jr., Ballentine, South Carolina and in 1946 to Bryan Jaudon Perry, Jr., Ridgeland, South Carolina.

Arnold R. Boyd English Honor Key. Arnold R. Boyd, '14, now a lawyer in New York, donates this Honor Key annually to the student in the graduating class who makes the highest average in English during his college course.

The medal was not awarded in 1945 or 1946 because of the small number of graduates.

Architect's Medal. The South Carolina Chapter of the American Institute of Architects each year awards a medal to the outstanding junior or senior in Architecture.

This medal was not awarded in 1945 because of the small number of graduates. In 1946 the medal was awarded to Melvin Floyd Gay, Kershaw, South Carolina.

Agricultural Certificates of Merit. Beginning with the session of 1914-1915 certificates of merit have at times been awarded to two farmers in South Carolina who have rendered distinguished service in the agricultural development of the State.

National Association of Cotton Manufacturers Medal. For several years this medal has been awarded to the outstanding graduate in Textile Engineering.

The medal was not awarded in 1945 or 1946 because of the small number of graduates.

Textile Colorist Prize. This award for the best work done in Textile Chemistry and Dyeing by a member of the graduating class was not given in 1945 or 1946 due to the small number of graduates.

Phi Psi Award. This award is made by the National Honor Council of the Phi Psi Textile Fraternity to the textile graduate who has attained the highest scholastic record in textile courses.

The award was not made in 1945 or 1946 because of the small number of graduates.

Anderson Fellowship. Since this fellowship, providing the sum of $400 annually for pursuing graduate study was not awarded in 1945, the sum of $800 was available in 1946 and awarded in the amounts indicated: Edwin Bruce Collings, Conway, South Carolina–$400; Luther Carlisle Hammond, Seneca, South Carolina–$200; John Allen Martin, Jr., Clemson, South Carolina–$200.

PART IV—ORGANIZATION AND GOVERNMENT

ADMINISTRATIVE ORGANIZATION

Board of Trustees. The government of the College is vested in a Board of thirteen members, six of whom are elected by the Legislature, and seven life and self-perpetuating under the Clemson will. The function of this Board is legislative and not executive. The Board determines the general policy of the College, makes the laws for its government, and directs the expenditure of its funds.

The President is the chief executive and administrative officer of the Board of Trustees. He is the head of the College and is responsible for its satisfactory working and success.

The College is divided into schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education. A dean is at the head of each school and is responsible to the President for its conduct and success. The schools are comprised of departments. Each department is in charge of a professor who acts as its head. The President conducts all official business with each department through its dean.

The Faculty consists of all officers of instruction in the College. The voting members are the deans, professors, associate professors, and assistant professors.

The faculty meets once a month, or whenever called by the President, and is an advisory body to the President, on the instructional work of the College and such other business as he may bring before it.

The deans and directors of the various schools and departments meet weekly or when called by the President for consideration of matters affecting the welfare of the College. Departmental faculty meetings are held periodically.

Faculty Committees. In order to aid him in his executive duties and to carry on the instructional work of the College, the President appoints committees from the faculty. To these

are assigned certain specified lines of work and the committees are clothed with full authority.

MILITARY ORGANIZATION

The President. The President of the College shall have general command and government of the institution, watching over its administration, discipline, and instruction. He shall have authority to make rules from time to time, governing the granting of permits and furloughs to cadets; to inspect anything in a cadet's room or personal baggage; to suspend or modify these regulations, or to publish special regulations when he considers it necessary, which shall have the authority of the Board of Trustees until they shall act on the same. He shall prescribe the hours of study, drill, and recreation.

Commandant. The Commandant of Cadets, under the President, has supervision of the discipline of the Corps of Cadets. He shall prescribe the order in which the furniture, bedding, books, clothing, equipment, etc., shall be arranged throughout the barracks and shall make a thorough inspection of the rooms, furniture, arms, equipment and uniforms of the cadets at least once each week. He shall have the right to inspect anything in a cadet's room or personal baggage. He shall perform such other duties as are prescribed in the regulations. He shall have the rank of Colonel.

Assistant Commandants. The Assistant Commandants shall perform such duties as may be prescribed for them by the President or Commandant.

Military Instruction. All students, excepting such students as are excused by the President, must take a minimum of three hours military instruction per week during the first three years. All who pass the required physical examination must take the Basic Course prescribed by the War Department for the R. O. T. C. during their freshman and sophomore years.

Cadet Officers and Non-commissioned Officers. The cadet officers and non-commissioned officers are appointed by the Professor of Military Science and Tactics, subject to the approval

of the President. When practicable they shall be appointed from members of the R. O. T. C. who have been most studious and soldier-like in the performance of their duties and most exemplary in their conduct. No cadet may decline any office to which he may be appointed.

As a rule the officers shall be appointed from the senior class, the non-commissioned officers, except corporals, from the junior class, and the corporals from the sophomore class.

Study Hours. Study hours are those parts of the day which are designated for study and shall be prescribed in orders. All hours at which a student has no classes or other duties may be used as study hours and students are expected to use vacant hours during the day as well as the study period after supper for study.

Furloughs. Every cadet is responsible for his class absences whether he is on a furlough or at the College. Restrictions regarding class absences are explained in the class attendance regulations. Any cadet who has been granted a furlough and who stays over the time stipulated, unless for sickness or other reason acceptable to the Commandant, will be administered a punishment not to exceed one month's arrest and twenty demerits. In case a cadet is prevented by sickness from returning at the stipulated time, he must submit a certificate from his attending physician. However, no such certificate will be accepted unless the President or the Commandant has been notified in advance of the expiration of the furlough.

Cadets returning late on furlough are placed in room arrest pending an investigation of the reason of the late return.

All communications from parents requesting furloughs for their sons must be addressed or sent directly to "The Commandant," and must set forth fully the reason for the request. No furlough will be granted unless the reasons given are considered satisfactory and sufficient justification for any loss of time from college duties; every student is held responsible for his class absences in accordance with the provisions of the class attendance regulations. Telegrams which do not explain fully will not be

accepted as complying with the rules. In any case in which business is given as a reason, the nature of the business must be explained fully.

A parent has the right to demand a discharge from College at any time and for any reason, but the College authorities reserve the right to grant or refuse to grant furloughs.

Week-End Leaves. Week-end leaves will be granted under conditions prescribed by the President.

Demerits. Any regular cadet who may receive within any one semester more than 90 demerits during his freshman year, or more than 70 demerits during his sophomore year, or more than 60 demerits during his junior year, or more than 50 demerits during his senior year; or any day cadet who may receive within any one semester more than 70 demerits during his freshman year, or more than 60 demerits during his sophomore year, or more than 50 demerits during his junior year, or more than 35 demerits during his senior year shall be required, by the President, to withdraw immediately from College.

Discharge. No cadet unless twenty-one years of age and paying his own way at college shall be honorably discharged except on the written application of his parents or guardian addressed to the President, or for reasons satisfactory to the President.

SCHOLASTIC REGULATIONS

1. *Credits.* The semester hour shall be the basis of all credits. One recitation hour or three laboratory or shop hours a week constitute a semester hour. The standing of a student in his work at the end of a semester shall be based on daily class work, tests or other work, and the final examinations. Written examinations shall be required in all subjects at the end of each semester, except in certain laboratory or practical courses where not deemed necessary by the department faculty. A semester grade once reported to the Registrar shall be the final grade for the period covered.

2. *Grading System.* The grading system is as follows:

A—*Excellent.* Indicates that the student is doing work of a very high character. The highest grade given.

B—*Good.* Indicates work that is satisfactory, though not of the highest order.

C—*Fair.* Indicates work of average or medium character.

D—*Pass.* Indicates work below average and unsatisfactory. The lowest passing grade. For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required.

E—*Conditioned.* Indicates a failure to satisfy the requirements as to daily recitations, tests or other work, as well as to the final examination, which condition in the opinion of the instructor may be made up by reexamination at some fixed time.

F—*Failed.* Indicates that a student knows so little of the subject that it must be repeated in order that credit may be received.

I—*Incomplete Work.* Indicates that a relatively small part of the semester's work remains undone. A Grade I is not to be given a student who has made a grade F on his daily work.

"I-Abs. Ex." Indicates absence from examination on account of sickness or other satisfactory reason.

Reports and Grades. Semester reports are mailed to parents after the end of each semester (usually within two or three weeks.) Mid-semester reports do not form a part of the permanent record in the Registrar's Office, but are sent to parents for their information.

Grade Points. Nine grade points are assigned for each credit hour on which the student receives the grade of A; six grade points for each credit hour of grade B; and three for each credit hour of grade C. No grade points are assigned for grades D. E. or F. In calculating a student's grade-point ratio, the total number of grade points accumulated by the student is divided by the total number of credit hours taken by the student during

the semester, session, or other period for which the ratio is calculated.

Dropping Class Work. A subject dropped after the middle of the semester is recorded as a subject failed unless the student shall have a daily average of C or above in that subject, in which case it will be recorded as "subject dropped."

Upon the recommendation of the instructor and the dean concerned, a student's standing will be investigated and he may be required to drop a subject because of neglect, or lack of application or preparation. No student will be dropped under this rule without approval by the President.

Removal of Grade I. All incomplete grades (I's) for a semester not removed within thirty days after the beginning of the next semester shall become F's unless an extension of time is approved by the instructor concerned and the Registrar.

A student who, for reasons satisfactory to the faculty, is absent from any examinations will be graded I-Abs. Exam. and will be allowed to make up these examinations at such time as is designated for this purpose.

3. *Academic Standards.* Proper discharge of all duties is required at Clemson College, and a student's first duty is his scholastic work. All students should be thoroughly acquainted with and cognizant of these basic requirements.

Minimum Requirements to Continue Enrollment. A student in his first semester of attendance in college to be eligible to continue his enrollment must pass a minimum of six semester credit hours* of work.

A student in his second semester of attendance in college to be eligible to continue his enrollment must pass a minimum of nine semester credit hours* of work.

A student in his third or any later semester of attendance in college to be eligible to continue his enrollment must pass a minimum of twelve semester credit hours* of work.

*These minimum totals shall be exclusive of courses graded E and exclusive of courses graded I unless there are extenuating circumstances for the I.

Any student who fails to meet these minimum standards will be suspended for at least a semester.

Class Attendance Regulations. The 1946-1947 class attendance regulations are as follows:

A. For Students Classified as Freshmen.

(1) While a student's first duty in college is his class work and except for special reasons any student should be in every class on schedule, the college recognizes several justifiable reasons for class absences and authorizes absences for these. In addition, restricted provision is made for a few minor personal emergencies. Rigid penalties are provided for abuse of these regulations.

(2) Absences for the following will be officially authorized:

(a) Sickness. Certified by the college surgeon on the hospital report or by another doctor and endorsed by the college surgeon.

(b) Guard Duty. Certified by the Commandant as the guard detail for the day.

(c) Official representation in intercollegiate athletic contests. Certified by the head coach and proper forms submitted in advance to the Attendance Officer.

(d) Educational trips. Certified by the dean of the school concerned and proper forms submitted in advance to the Attendance Officer.

(e) Personal emergencies of a serious nature, such as death or serious illness in the family, emergencies such as make it absolutely necessary that the student be absent from college, and very serious emergencies while on the campus. Approved in advance by the Commandant for ROTC students or by the Attendance Officer for veteran students not in the military organization.

(3) To provide for minor personal emergencies a student will not be penalized for one unauthorized absence per semester in each course. These are not to be regarded as "cuts." For any additional unauthorized absence, the student will be dropped from the course.

(4) Any student, who by being dropped for excessive absences, reduces his load below twelve semester credit hours shall be suspended from the college at least for the remainder of that semester and the semester following.

(5) Students shall not request instructors to excuse them from class or to change class periods or examinations. Instructors have no authority to grant such requests. All class work missed on account of authorized absences shall be made up to the satisfaction of the instructor concerned. Instructors will not be obligated to permit a student to make up any work missed during unauthorized absences. If the unauthorized absence is from a previously announced quiz or examination, the student will not be permitted to make that work up and will be given a grade of zero on that assignment.

(6) A student, who for any reason including emergencies as well as sickness and authorized missions, is absent from more than the equivalent of four weeks' work in a subject will be dropped from the subject unless his continuance is authorized by the President's Council.

(7) These regulations will be administered by The Class Attendance Officer.

B. For Students Classified As Sophomores or Higher.

For students who are classified as sophomores or higher more responsibility is placed on the student, and no specific penalties for individual class absences are prescribed. Daily reports of all absences will be recorded. After warning, the Attendance Officer will report any cases of habitual negligence or other abuse of privileges. A student whose record, attendance or scholastic, is generally unsatisfactory may be required to withdraw from the college at any time. To be eligible to continue his enrollment any student who has been in college two or more semesters must pass in each semester a minimum of twelve semester credit hours of work (exclusive of courses graded E and exclusive of courses graded I unless there are extenuating circumstances for the I).

4. *Promotion and Classification.* Effective in September, 1947,

and so long as the institution reclassifies students every semester, the following new classification rules will apply:

A. To be classified as a senior, a student must have completed sufficient scholastic work toward his degree to enable him to complete the requirements for graduation by completing not more than 42 additional credits. To be classified as a senior, a student must also have earned twice as many grade points as the minimum number of credit hours required in his case for senior classification.

B. To be classified as a junior, a student must have completed at least 64 semester credit hours and must have earned at least 128 grade points.

C. To be classified as a sophomore, a student must have completed at least 30 semester credit hours.

D. All new students are classified as freshmen unless they have attended another college prior to entrance and have completed sufficient scholastic work as to enable them to complete the requirements for graduation from Clemson in not more than three regular sessions.

E. *Requirements for Graduation.* For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required. All work must be completed before 5 P. M. on the Thursday preceding Commencement. Residence of at least one regular session shall be required for graduation.

F. *Seniors Failing to Graduate.* A senior who fails to graduate because of one F on a subject or one or more grades of E or I shall have an opportunity of removing the unsatisfactory grades by examination after commencement provided that he can furnish evidence of having done satisfactory study. A senior who qualifies for graduation under this regulation will be awarded his degree on the next regular date for the award of degrees.

5. *Removal of Conditions.* Only one opportunity shall be given a student to remove a condition (E) by a reexamination. A student who fails to pass such a reexamination shall be required to repeat the subject hour for hour in class. Not more

than twelve credit hours of conditions for a session shall be removed by reexamination. A student shall not receive a grade higher than D when a deficiency is removed by reexamination.

Reexaminations shall be held as scheduled by the schedule committee. All conditions (E's) not removed during the time set aside for reexaminations shall become failures.

6. *Removal of Failures.* A student who has failed (made a grade F) in a subject cannot receive credit for that subject until it has been satisfactorily repeated hour for hour in class, except that in the case of correlated laboratory work, the number of hours to be taken shall be determined by the instructor. Where separate grades for class and laboratory work are given, that part of the subject shall be repeated in which the failure occurs.

7. *Special Examinations.* Any request for a special examination must be approved by (1) the instructor concerned, (2) the head of the department concerned, (3) the dean of the school, and (4) the registrar.

8. *Maximum Credit Load.* The normal schedule for a student includes only as many credit hours as are required for the class and course in which he is registered. Students should schedule this amount of work unless their credits are restricted as a result of a poor scholastic record. Students are advised not to exceed the normal schedule except upon approval by the class advisor.

The number of credits which a student may schedule during either semester of the session is governed by his grade point ratio—the most recently calculated cumulative or semester ratio, whichever is higher: Until such time as a grade-point ratio is available, a freshman is restricted to the requirements of his course or to 20 semester hours, whichever is higher.

Grade-Point Ratio Required	Maximum Credit Hours Which May Be Scheduled
0.00 to 0.99	18
1.00 to 1.99	19
2.00 to 2.99	20
3.00 to 3.99	21
4.00 to 4.99	22
5.00 to 5.99	23
6.00 to 6.99	24
7.00 to 7.99	25
8.00 or above	26

If any student schedules excessive credits, he will be automatically dropped from a sufficient number of subjects to reduce his total credits within the limits. If for any reason a student's excessive registration continues throughout the semester, his credit on one or more subjects passed will be cancelled at the end of the semester.

PART V—DEGREES AND CURRICULA

REQUIREMENTS FOR DEGREES

The degree of Bachelor of Science is awarded to those students who satisfactorily complete one of the four-year curricula offered under the Schools of Agriculture, Arts and Sciences, Chemistry, Textiles, Vocational Education, and to those students who complete the four-year course in Architecture or Architectural Engineering under the School of Engineering. The five-year course in Architecture leads to the Bachelor of Architecture degree. The degrees of Bachelor of Chemical Engineering, Bachelor of Civil Engineering, Bachelor of Electrical Engineering, and Bachelor of Mechanical Engineering are awarded to the graduates of these respective four-year courses.

In addition to the courses prescribed in the various curricula, each student must complete:

I. Twelve credit hours of elective courses approved by the dean of the school concerned

OR

II. A full program of R.O.T.C. work including both the elementary and advanced courses. At the present time this amounts to thirty semester hours in addition to the six hours of military drill prescribed in each curriculum. The thirty hours are distributed as follows:

First Semester		*Second Semester*	
M S 103 M. S. & T.—Elem.	2 (2,0)	M S 104 M. S. & T.—Elem.	2 (2,0)
M S 203 M. S. & T.—Elem.	2 (2,0)	M S 204 M. S. & T.—Elem.	2 (2,0)
First-Year Advanced M. S.	5 (5,0)	First-Year Advance M. S.	5 (5,0)
M S 401 Military Drill	1 (0,3)	M S 402 Military Drill	1 (0,3)
Second-Year Advanced M. S.	5 (5,0)	Second-Year Advanced M. S.	5 (5,0)
	15		15

The total semester hours required for graduation amount to 150 for the Non-ROTC students and 168 for the students who take the full R.O.T.C. program. The attention of students is directed to the fact that the combination of the R.O.T.C. program as required by the War Department along with the necessary requirements of scientific and technical training results in a heavy program for a four-year (eight semester) course. Capable

students are definitely encouraged to take the full R.O.T.C. program; those who maintain an average grade of *C* or above and who complete satisfactorily a full schedule of work each semester should be able to meet the requirements for their degrees in the regular period of eight semesters. Students whose grades average below *C* must realize that taking the full R.O.T.C. program will necessitate extending their college programs over more than eight semesters.

For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required. Nine grade points are assigned for each credit hour on which the student receives the grade of *A;* six grade points for each credit hour of grade *B*; and three for each credit hour of grade *C*. No grade points are assigned for grades *D, E,* or *F*. Candidates for the degrees listed above are required to apply for their degrees at least two months prior to the date the degrees are to be awarded. These applications should be filled out in the Registrar's Office on the regular blanks provided.

All work for a degree must be completed by 5 P. M. on the Thursday preceding graduating exercises. Residence of at least one regular session is required for graduation. Every candidate for a degree must pay to the Treasurer of the College the cost of his diploma before 5 P. M. on the Thursday preceding graduation.

If all work toward a degree is not completed within five years after entrance, the student may be required to take additional courses.

PROFESSIONAL DEGREE IN ENGINEERING

The College offers the following professional engineering degrees: Civil Engineer, Electrical Engineer and Mechanical Engineer.

The requirements for these degrees are: (a) a Bachelor's degree from Clemson College in one of these three branches in engineering, (b) five years of subsequent professional experience, one year of which must have been in responsible charge of

engineering or engineering instruction, (c) the preparation of a thesis demonstrating distinct technical ability. (Detailed information regarding professional degrees may be obtained from the Registrar.)

CURRICULA

Twenty-six undergraduate curricula are offered under the Schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education. The curricula under each school are listed below:

School of Agriculture
- Agricultural Economics
- Agronomy
- Animal Husbandry
- Botany
- Dairy
- Entomology
- Horticulture
- Poultry
- Agricultural Engineering
- Pre-Forestry

School of Arts and Sciences
- Arts and Sciences
- Industrial Physics
- Pre-Medicine

School of Chemistry
- Chemistry

School of Engineering
- Architecture
- Architectural Engineering
- Chemical Engineering
- Civil Engineering
- Electrical Engineering
- Mechanical Engineering

School of Textiles
- Textile Chemistry
- Textile Engineering
- Textile Manufacturing

School of Vocational Education
- Vocational Agricultural Education
- Education
- Industrial Education

In addition to the work of these regular curricula, the College offers graduate work in certain fields to properly qualified applicants from this and other institutions. Students interested in graduate work should consult the Chairman of the Committee on Graduate Work, the Registrar, and the Dean of the School or the Head of the Department concerned.

While the College is glad to assist all who ask for help in securing employment, it does not guarantee positions to those who complete any of the courses of study.

In the curricula which follow are given the official title and number of the course, the descriptive title, the number of semester hours credit, and in parentheses the number of hours per week in class and laboratory, respectively.

SCHOOL OF AGRICULTURE

Organized under the School of Agriculture are nine curricula, including Agricultural Economics, Agricultural Engineering, Agronomy, Animal Husbandry, Botany, Dairying, Entomology, Horticulture, and Poultry. In general, the work of agricultural graduates may be classified in six rather broad fields: Farming, both general and specialized; agricultural extension service, including county agent work and extension specialists; research, especially work with the agricultural experiment stations; government regulatory work, such as plant inspection with the U. S. Bureau of Entomology and Plant Quarantine; teaching in college after appropriate graduate work is completed; and a host of occupations with commercial concerns, such as seed companies, meat packers, fertilizer companies, florists, canneries, agricultural implement concerns, etc. To illustrate the types of work in which graduates of each curriculum engage, a few of the many occupations of agricultural graduates are given below.

AGRICULTURE

For additional requirements see also *Requirements for Degrees*

Basic Curriculum

Required of all agricultural students except those in Agricultural Engineering and Pre-Forestry.

Freshman Year

First Semester		*Second Semester*	
A H 101 Types and Breeds	3 (2,3)	Agron 101 Farm Crops	3 (3,0)
Bot 101 General Botany	4 (3,3)	Chem 102 General Chemistry	4 (3,3)
Chem 101 General Chemistry	4 (3,3)	Engl 102 Comp. and Lit.	3 (3,0)
Engl 101 Comp. and Lit.	3 (3,0)	Math 102 Trigonometry	3 (3,0)
Math 101 College Algebra	3 (3,0)	Zool 101 General Zoology	4 (3,3)
M S 101 Military Drill	1 (0,3)	M S 102 Military Drill	1 (0,3)
	18		18

Sophomore Year

Ag Ec 201 Agric. Economics	3	(3,0)	Agron 202 Soils	3	(2,3)
Ag En 201 Farm Machinery	3	(2,3)	Chem 231 Organic Chemistry	4	(3,3)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Dairy 201 Dairying	3	(2,3)
Geol 201 Agric. Geology	3	(3,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Hort 201 Gen. Horticulture	3	(2,3)	Phys 202 General Physics	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 204 Gen. Phys. Lab.	1	(0,3)
Phys 203 Gen. Phys. Lab.	1	(0,3)	M S 202 Military Drill	1	(0,3)
M S 201 Military Drill	1	(0,3)		17	
	19				

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

Training in agricultural economics and rural sociology prepares students wholly or in part for farming; managing farms; appraising land, marketing activities; supervising agricultural loan departments in private banks; directing farmer cooperatives such as the production credit and farm loan associations affiliated with the Farm Credit Administration; educational work as teachers or extension workers; public relations research and sales work for the manufacturers of agricultural implements, fertilizers, etc.; organizational and publicity work for farm organizations and cooperative associations; positions in state, county and local government service; research work in farm management, farm credit, taxation, marketing, farm population and rural life trends; farm planning work for the Soil Conservation Service; and for operating numerous enterprises where a knowledge of economic principles is an essential supplement to knowledge of the technical requirements of the business.

AGRICULTURAL ECONOMICS MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
Ag Ec 305 Farm Accounting	2	(1,3)	Ag Ec 352 Public Finance	3	(3,0)
Ag Ec 309 Marketing	3	(2,3)	or Ag Ec 356 Agri. Ind. Rel.	3	(3,0)
Engl 305 Expository Writing	3	(3,0)	Engl 301 Public Speaking	3	(3,0)
Hist 101 American History	3	(3,0)	P H 301 Farm Poultry	4	(3,3)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
Approved Elective	2		Approved Elective	2	
	17			17	
Suggested Electives:			Suggested Electives:		
Bact 301 Gen. Bacteriology	4	(3,3)	Dairy 352 Advertsng. & Mktg.	3	(3,0)
Y M 305 Cotton Marketing	1	(0,3)	Ent 301 Elem. & Econ. Ent.	3	(2,3)

Senior Year

Ag Ec 401 Statistics	3	(2,3)	Ag Ec 406 Seminar	1	(1,0)
Ag Ec 405 Seminar	1	(1,0)	Ag Ec 452 Agric. Policy	3	(3,0)
Ag Ec 451 Econ. of Coop.	3	(3,0)	Ag Ec 456 Prices	3	(3,0)
or Ag Ec 455 Internat. Trade	3	(3,0)	or Ag Ec 460 Agric. Finance	3	(3,0)
Dairy 301 Genetics	3	(2,3)	Ag En 301 Soil Conservation	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Approved Elective	3		Approved Elective	3	
	16			16	
Suggested Electives:			Suggested Electives:		
Ag Ec 459 Rural Com. Org.	3	(3,0)	Econ 302 Money and Banking	3	(3,0)
Gov 403 Internat. Relat.	3	(3,0)	Soc 402 The Family	3	(3,0)
Soc 301 Elem. Sociology	3	(3,0)			

AGRONOMY

Agronomy graduates have opportunities in general farming, soil conservation service, agricultural extension and experiment station work, and may also be found as plant breeders, soil analysts, and crop specialists. Other positions include work with commercial concerns such as fertilizer companies, seedsmen, and manufacturers of certain food products.

AGRONOMY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag En 301 Soil Conservation	3	(2,3)	Agron 302 Genetics	3	(2,3)
Agron 301 Fertilizers	3	(3,0)	Agron 306 Forage Crops	3	(3,0)
Bact 301 Gen. Bacteriology	4	(3,3)	Bot 352 Plant Physiology	4	(3,3)
Engl 301 Public Speaking	3	(3,0)	P H 301 Farm Poultry	4	(3,3)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
Approved Elective	3				
	17			15	
Suggested Electives:			Suggested Electives:		
Ag Ec 301 Rural Sociology	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	For 304 Farm Forestry	3	(2,3)

Senior Year

Agron 451 Min. Nutr. Crops	2	(2,0)	Agron 452 Soil Management	2	(2,0)
Agron 401 Adv. Crop Lab.	1	(0,3)	Agron 454 Adv. Soil Lab.	1	(0,3)
Agron 405 Plant Breeding	3	(2,3)	Agron 456 Seminar	1	(1,0)
Agron 409 Cotton & Tobacco	3	(3,0)	Agron 458 Res. and Thesis	1	(0,3)
Agron 455 Seminar	1	(1,0)	A H 301 Feeds and Feeding	3	(3,0)
Agron 457 Res. and Thesis	1	(0,3)	Bact 410 Soil Microbiology	3	(2,3)
Bot 401 Plant Pathology	3	(2,3)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Psych 301 Gen. Psychology	3	(3,0)	Approved Elective	3	
	17			17	
Suggested Electives:			Suggested Electives:		
Ag Ec 309 Marketing	3	(2,3)	Ag Ec 460 Agric. Finance	3	(3,0)
Ag Ec 401 Statistics	3	(2,3)	Bot 356 Taxonomy	3	(1,6)
			Bot 402 Economic Botany	3	(2,3)

ANIMAL HUSBANDRY

Occupations include livestock farming, cattle and swine breeding, extension livestock specialists, feed specialists, county agents, agricultural teachers, research work in animal industry,

positions with meat packing companies, feed dealers, freezer locker operators, livestock dealers, and livestock commission brokers.

ANIMAL HUSBANDRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Agron 301 Fertilizers	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
A H 301 Feeds and Feeding	3	(3,0)	Agron 306 Forage Crops	3	(3,0)
A H 303 Feeding Lab.	1	(0,3)	A H 306 Judging	1	(0,3)
Dairy 301 Genetics	3	(2,3)	A H 310 Pork Production	3	(2,3)
Engl 301 Public Speaking	3	(3,0)	A H 312 Brds. of Livestock	2	(2,0)
M S 301 Military Drill	1	(0,3)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Approved Elective	3		M S 302 Military Drill	1	(0,3)
	17			17	
Suggested Electives:			Suggested Electives:		
Ag Ec 301 Rural Sociology	3	(3,0)	Ag Ec 460 Agric. Finance	3	(3,0)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	Ag En 301 Soil Conservation	3	(2,3)

Senior Year

A H 401 Beef Production	3	(2,3)	A H 402 Horse & Sheep Pr.	4	(3,3)
A H 451 Advanced Feeds	2	(2,0)	A H 406 Seminar	2	(2,0)
A H 455 Farm Meats	2	(0,6)	A H 452 Animal Breeding	3	(2,3)
Bact 301 Gen. Bacteriology	4	(3,3)	A H 456 Advanced Meats	2	(1,3)
Psych 301 Gen. Psychology	3	(3,0)	P H 301 Farm Poultry	4	(3,3)
Approved Elective	3			15	
	17				
Suggested Electives:			Suggested Electives:		
Ag Ec 309 Marketing	3	(2,3)	Hort 464 Food Preservation	3	(2,3)
A H 405 Advanced Judging	1	(0,3)	V S 402 Animal Diseases	3	(2,3)
V S 401 Anat. & Physiology	3	(2,3)			

BOTANY

Opportunities in Botany include research work with the state and federal agencies as well as with private agencies such as manufacturers of foods and fibers, agricultural chemicals, fertilizers, weed control chemicals, and seedsmen. Occupations in the agricultural extension work, teaching of biological sciences, curators of herbaria, industrial sales and demonstration representatives for companies manufacturing fungicides and herbicides, are also available. Plant Pathologists also have opportunities in nursery, orchard and food inspection as well as pathologist-plant breeders with seed companies and other research agencies.

BOTANY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	4	(3,3)	Agron 302 Genetics	3	(2,3)
Bot 351 Plant Morphology	4	(2,6)	Bot 352 Plant Physiology	4	(3,3)
Bot 355 Histology	2	(0,6)	Bot 356 Taxonomy	3	(1,6)
Engl 301 Public Speaking	3	(3,0)	Ger 102 Beginner's German	3	(3,0)
Ger 101 Beginner's German	3	(3,0)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
	17			17	
Suggested Electives:			Suggested Electives:		
Engl 302 Business Law	3	(3,0)	For 304 Farm Forestry	3	(2,3)
Hort 301 Prin. Veg. Prod.	3	(2,3)	Ent 302 General Entomology	3	(2,3)

Senior Year

Bot 401 Plant Pathology	3	(2,3)	Bot 402 Economic Botany	3	(2,3)
Bot 405 Seminar & Thesis	2	(1,3)	Bot 406 Seminar & Thesis	2	(1,3)
Bot 451 Morph. of Fungi	3	(2,3)	Bot 452 Ecology	4	(2,6)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	P H 301 Farm Poultry	4	(3,3)
Psych 301 Gen. Psychology	3	(3,0)	Approved Elective	3	
Approved Elective	2				
	16			16	
Suggested Electives:			Suggested Electives:		
Ag Ec 401 Statistics	3	(2,3)	Agron 452 Soil Management	2	(2,0)
Agron 405 Plant Breeding	3	(2,3)	Agron 454 Adv. Soil Lab.	1	(0,3)
Agron 451 Min. Nutr. Crops	2	(2,0)	Bact 410 Soil Microbiology	3	(2,3)
			Hort 456 Truck Crops	3	(2,3)

DAIRYING

Opportunities in dairying include dairy farming, dairy plant management, dairy herdsmen for large breeding companies, ice cream manufacturing, laboratory and technical work in dairy plants, milk inspection work, dairy extension specialist, research work with state, federal and commercial organizations, as well as many positions with milk products laboratories and production plants.

DAIRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	4	(3,3)	A H 301 Feeds and Feeding	3	(3,0)
Dairy 301 Genetics	3	(2,3)	Dairy 302 Dairy Technology	3	(2,3)
Dairy 305 Judging	1	(0,3)	*Dairy 306 Market Milk	3	(3,0)
Dairy 309 Nutrition	3	(3,0)	Engl 301 Public Speaking	3	(3,0)
V S 401 Anat. & Physiology	3	(2,3)	P H 301 Farm Poultry	4	(3,3)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
Approved Elective	2				
	17			17	
Suggested Electives:			Suggested Electives:		
Ag Ec 401 Statistics	3	(2,3)	Ag Ec 302 Farm Management	4	(3,3)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	A H 310 Pork Production	3	(2,3)
			*Dairy 352 Advertsng. & Mktg.	3	(3,0)

Senior Year

Agron 301 Fertilizers	3 (3,0)	Bact 402 Dairy Bacteriology	3 (2,3)
Dairy 401 Dairy Manufactures	3 (2,3)	Dairy 402 Dairy Manufactures	4 (2,6)
Dairy 405 Breeding	3 (2,3)	Dairy 410 Seminar	2 (2,0)
Dairy 409 Seminar	2 (2,0)	Dairy 452 Feeding & Mgt.	3 (2,3)
Psych 301 Gen. Psychology	3 (3,0)	Gov 301 Am. G. & Pol. Par.	3 (3,0)
Approved Elective	3		
	17		15
Suggested Electives:		Suggested Electives:	
Engl 302 Business Law	3 (3,0)	Ag Ec 460 Agric. Finance	3 (3,0)
Engl 305 Expository Writing	3 (3,0)	*Dairy 352 Advertsng. & Mktg.	3 (3,0)
		V S 402 Animal Diseases	3 (2,3)

* Dairy 306 and 352 are given in alternate years.

ENTOMOLOGY

Many Entomology graduates normally enter Federal service with the U. S. Bureau of Entomology and Plant Quarantine as research men or as inspectors. Others enter responsible positions on teaching, research and extension staffs of the several State Colleges and Universities. Insecticide manufacturing concerns also attract many Entomology graduates. Beekeeping is also one phase of entomological work.

ENTOMOLOGY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	4 (3,3)	Agron 302 Genetics	3 (2,3)
Engl 301 Public Speaking	3 (3,0)	Bot 352 Plant Physiology	4 (3,3)
Ent 301 Elem. & Econ. Ent.	3 (2,3)	Ent 302 General Entomology	3 (2,3)
Ger 101 Beginner's German	3 (3,0)	P H 301 Farm Poultry	4 (3,3)
Zool 301 Advanced Zoology	3 (2,3)	Zool 306 Game Management	2 (2,0)
M S 301 Military Drill	1 (0,3)	M S 302 Military Drill	1 (0,3)
	17		17
Suggested Electives:		Suggested Electives:	
Ag Ec 301 Rural Sociology	3 (3,0)	For 304 Farm Forestry	3 (2,3)
Hort 305 Plant Propagation	3 (2,3)	Ger 102 Beginner's German	3 (3,0)
		Zool 302 Embryology	3 (2,3)

Senior Year

Bot 401 Plant Pathology	3 (2,3)	Ent 402 Econ. Entomology	3 (2,3)
Ent 401 Econ. Entomology	3 (2,3)	Ent 406 Beekeeping	3 (2,3)
Ent 405 Insect Morphology	3 (2,3)	Ent 452 Taxonomic Ent.	2 (1,3)
Ent 451 Intro. to Research	2 (1,3)	Ent 456 Parasitology	3 (2,3)
Psych 301 Gen. Psychology	3 (3,0)	Ent 460 Seminar	2 (2,0)
Approved Elective	2	Gov 301 Am. G. & Pol. Par.	3 (3,0)
	16		16
Suggested Electives:		Suggested Electives:	
Ag Ec 401 Statistics	3 (2,3)	Bot 356 Taxonomy	3 (1,6)
Bot 451 Morph. of Fungi	3 (2,3)	Engl 302 Business Law	3 (3,0)
Soc 301 Elem. Sociology	3 (3,0)		

HORTICULTURE

Opportunities in horticulture include vegetable and fruit farm management, nursery management, landscape gardening, fresh fruit and vegetable and food products inspection, plant breeding, agricultural extension service, experiment station research, and food canning, freezing and dehydration. Other occupations include work with florists, seedsmen, fruit products companies, fertilizer companies, fungicide and insecticide manufacturers and dealers, and spraying and dusting equipment manufacturers and dealers.

HORTICULTURE MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Agron 301 Fertilizers	3	(3,0)	Agron 302 Genetics	3	(2,3)
Bact 301 Gen. Bacteriology	4	(3,3)	Bot 352 Plant Physiology	4	(3,3)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	Engl 301 Public Speaking	3	(3,0)
Hort 301 Prin. Veg. Prod.	3	(2,3)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Hort 305 Plant Propagation	3	(2,3)	Hort 306 Landscape Design	3	(2,3)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
	17			17	
Suggested Electives:			Suggested Electives:		
Ag Ec 301 Rural Sociology	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
			Bot 456 Taxonomy	3	(1,6)

Senior Year

Ag Ec 309 Marketing	3	(2,3)	Hort 410 Seminar	1	(1,0)
Bot 401 Plant Pathology	3	(2,3)	Hort 452 Commrcl. Pomology	3	(2,3)
Hort 409 Seminar	1	(1,0)	or Hort 402 Landscape Dsgn.	3	(2,3)
Hort 451 Syst. Pomology	3	(2,3)	Hort 456 Truck Crops	3	(2,3)
Hort 455 Breeding H. Crops	3	(2,3)	or Hort 460 Landscape Dsgn.	3	(2,3)
or Hort 405 Nut Culture	3	(2,3)	Hort 464 Food Preservation	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)	P H 301 Farm Poultry	4	(3,3)
			Approved Elective	2	
	16			16	
Suggested Electives:			Suggested Electives:		
Hort 401 Landscape Design	3	(2,3)	Ag En 301 Soil Conservation	3	(2,3)
Hort 415 Floriculture	3	(2,3)	Ent 406 Beekeeping	3	(2,3)

POULTRY

Graduates in Poultry Husbandry major have opportunities as poultry farm operators, hatchery managers, sales and servicemen with feed manufacturers and poultry equipment concerns, poultry research workers and extension agents.

POULTRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)	
A H 301 Feeds and Feeding	3	(3,0)	
A H 303 Feeding Lab.	1	(0,3)	
Dairy 301 Genetics	3	(2,3)	
V S 401 Anat. & Physiology	3	(2,3)	
M S 301 Military Drill	1	(0,3)	
Approved Elective	3		
	17		
Suggested Electives:			
Ent 301 Elem. & Econ. Ent.	3	(2,3)	
Zool 301 Advanced Zoology	3	(2,3)	

Ag Ec 302 Farm Management	4	(3,3)
Bact 301 Gen. Bacteriology	4	(3,3)
Engl 301 Public Speaking	3	(3,0)
P H 301 Farm Poultry	4	(3,3)
M S 302 Military Drill	1	(0,3)
	16	
Suggested Electives:		
Agron 306 Forage Crops	3	(3,0)
Zool 302 Embryology	3	(2,3)
Zool 306 Game Management	2	(2,0)

Senior Year

P H 451 Poultry Breeding	3	(2,3)	
P H 455 Grading & Process.	3	(2,3)	
P H 459 Dis. & Parasites	3	(2,3)	
Psych 301 Gen. Psychology	3	(3,0)	
Approved Elective	4		
	16		
Suggested Electives:			
Ag Ec 309 Marketing	3	(2,3)	
Ag Ec 401 Statistics	3	(2,3)	
Dairy 309 Nutrition	3	(3,0)	

Gov 301 Am. G. & Pol. Par.	3	(3,0)
Hort 464 Food Preservation	3	(2,3)
P H 452 Feed. & Flock Mgt.	3	(2,3)
P H 456 Incubat. & Brood.	3	(2,3)
P H 460 Seminar	2	(2,0)
Approved Elective	3	
	17	
Suggested Electives:		
Ent 406 Beekeeping	3	(2,3)

AGRICULTURAL ENGINEERING

Opportunities in agricultural engineering include mechanized farm operation; research work with government and private agencies on farm implements and machinery; positions with farm equipment companies, designing, producing, and selling farm machinery; agricultural implement dealer or demonstrator; assistant county agent; land reclamation and soil conservation work; drainage specialist; rural electrification work; and various other occupations of a commercial nature which require the training of an agricultural engineer.

AGRICULTURAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	D D 106 Engr. Drawing	2	(0,6)
In En 101 Metal Processes	2	(0,6)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	17			17	

Sophomore Year

Ag En 203 Ag. Engr. Problems	3	(2,3)
Engl 201 Lit. & Adv. Comp.	2	(2,0)
In En 202 Wood Processes	2	(0,6)
Math 203 Diff. Calculus	5	(5,0)
Phys 211 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)
	18	

Ag En 201 Farm Machinery	3	(2,3)
Engl 202 Lit. & Adv. Comp.	2	(2,0)
In En 201 Metal Processes	2	(0,6)
Math 204 Integral Calculus	5	(5,0)
Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 202 Military Drill	1	(0,3)
	18	

Junior Year

Ag En 351 Farm Tractors	3	(2,3)
Bot 101 General Botany	4	(3,3)
E E 303 Electrical Engr.	4	(3,3)
Geol 201 Agric. Geology	3	(3,0)
Mech 302 Statics	3	(3,0)
M S 301 Military Drill	1	(0,3)
	18	

Ag En 304 Rur. Electrif.	3	(2,3)
Agron 101 Farm Crops	3	(3,0)
Agron 202 Soils	3	(2,3)
Gov 301 Am. G. & Pol. Par.	3	(3,0)
In En 302 Welding	2	(1,3)
Mech 304 Mech. of Matr.	3	(3,0)
M S 302 Military Drill	1	(0,3)
	18	

Suggested Electives:

Agron 301 Fertilizers	3	(3,0)
D D 305 Mechanism	2	(1,3)
In En 205 Constr. Materials	2	(2,0)
Mech 306 Graphic Statics	1	(0,3)

Suggested Electives:

Ag Ec 302 Farm Management	4	(3,3)
D D 306 Machine Design	2	(1,3)
In En 402 Metallurgy	2	(2,0)
Mech 305 Mech. Matr. Lab.	1	(0,3)

Senior Year

Ag En 401 Soil & Wat. Con. En.	3	(2,3)
Ag En 409 Thesis	1	(1,0)
Ag En 451 Farm Buildings	3	(2,3)
Hist 301 U. S. Since 1865	3	(3,0)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)
Approved Elective	2	
	16	

Ag En 402 Drain. & Irrig.	3	(2,3)
Ag En 406 Adv. Farm Mach.	3	(2,3)
Ag En 410 Thesis	1	(1,0)
Ag En 452 Adv. Farm Bldg.	3	(2,3)
Engl 301 Public Speaking	3	(3,0)
Hort 464 Food Preservation	3	(2,3)
	16	

Suggested Electives:

Ag Ec 401 Statistics	3	(2,3)

Suggested Electives:

Bact 406 Sanitary Bact.	4	(3,3)
Hort 452 Commrcl. Pomology	3	(2,3)
In En 308 Industrial Engr.	2	(2,0)

FORESTRY

Students completing the two year pre-forestry program at Clemson are qualified to transfer to any of the major forestry institutions in the country. Opportunities exist for work on national forests, state forests, and large private timber lands in technical administrative capacity. Men with training in forest products are also in demand in pulp and paper mills and laboratories and in the mills and developmental laboratories of the larger lumber, plywood and furniture companies in this region and throughout the country.

PRE-FORESTRY

Freshman Year

First Semester

Bot 101 General Botany	4	(3,3)
Chem 101 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)
Math 101 College Algebra	3	(3,0)
M S 101 Military Drill	1	(0,3)
	17	

Second Semester

C E 101 Intro. Surveying	2	(1,3)
Chem 102 General Chemistry	4	(3,3)
D D 106 Engr. Drawing	2	(0,6)
Engl 102 Comp. and Lit.	3	(3,0)
Math 102 Trigonometry	3	(3,0)
Zool 101 General Zoology	4	(3,3)
M S 102 Military Drill	1	(0,3)
	19	

Sophomore Year

C E 201 Surveying	3	(2,3)	
Engl 201 Lit. & Adv. Comp.	2	(2,0)	
For 201 General Forestry	3	(2,3)	
Geol 201 Agric. Geology	3	(3,0)	
Phys 201 General Physics	3	(3,0)	
Phys 203 Gen. Phys. Lab.	1	(0,3)	
M S 201 Military Drill	1	(0,3)	
	16		

C E 202 Surveying	2	(2,0)	
Econ 201 Prin. of Economics	3	(3,0)	
Engl 202 Lit. & Adv. Comp.	2	(2,0)	
For 202 Dendrology	4	(3,3)	
Phys 202 General Physics	3	(3,0)	
Phys 204 Gen. Phys. Lab.	1	(0,3)	
M S 202 Military Drill	1	(0,3)	
	16		

SCHOOL OF ARTS AND SCIENCES

In addition to acting as a service school to all other schools of the college in furnishing the training in the humanities and the social and physical sciences which is essential to the general education of students, the School of Arts and Sciences offers three curricula:

1. The curriculum in Arts and Sciences, leading to the degree of Bachelor of Science in Arts and Sciences.

2. The curriculum in Pre-Medicine, leading to the degree of Bachelor of Science in Pre-Medicine.

3. The curriculum in Industrial Physics, leading to the degree of Bachelor of Science in Industrial Physics.

Students majoring in the School or Arts and Sciences should secure from the Dean of the School of Arts and Sciences the *Handbook of Information*, the purpose of which is to provide information to students about possible fields of study, guidance in choosing an appropriate field of concentration, a list of approved electives, and additional information about the requirements for graduation in this school.

ARTS AND SCIENCES

For additional requirements see also *Requirements for Degrees*

The curriculum in Arts and Sciences is planned to meet the needs of those students who desire a broad, general education as a preparation for intelligent citizenship and for vocational efficiency. The first two years are spent in introductory work in various fields, in order to give the student breadth of view and to enable him to take a more intelligent part in his own education.

Freshman Year

First Semester		*Second Semester*	
Chem 101 General Chemistry	4 (3,3)	Chem 102 General Chemistry	4 (3,3)
Engl 101 Comp. and Lit.	3 (3,0)	Engl 102 Comp. and Lit.	3 (3,0)
Hist 101 American History	3 (3,0)	Hist 102 American History	3 (3,0)
Math 103 Freshman Math.	5 (5,0)	Math 104 Freshman Math.	5 (5,0)
Modern Language	3 (3,0)	Modern Language	3 (3,0)
M S 101 Military Drill	1 (0,3)	M S 102 Military Drill	1 (0,3)
	19		19

SPECIAL REQUIREMENTS

(1) Before the registration date beginning his Junior year, the student shall select two of the fields of study in the curriculum in the School of Arts and Sciences as fields of concentration. These may be selected from Economics and Sociology, English, Government and History, Mathematics, Physics, Modern Languages, Biological Sciences, and Chemistry. If Chemistry, Mathematics, or Physics is to be chosen as a field of concentration, the basic curriculum for Group I should be selected at the beginning of the Sophomore year.

(2) Twenty-four hours shall be taken in the primary field of concentration and fifteen hours in the secondary field. This work shall be on the Junior-Senior level except that Mathematics 203 and 204 may be used as part fulfillment for this requirement by a student whose field of concentration is Mathematics.

(3) Besides the courses in the primary and secondary fields of concentration, a minimum of 12 additional elective hours shall be taken in courses of Junior-Senior level.

(4) The remainder of the elective work may be taken from the list of approved electives.

(5) Students majoring in Arts and Sciences who desire to teach in the public schools may fulfill the requirements for the secondary field of concentration by taking the eighteen hours of Education required by the State Board of Education.

(6) For graduation in Arts and Sciences at least the second year of one foreign language must be completed in college.

(7) The total number of hours required for graduation is 138 hours *plus* the complete ROTC program *or* 12 hours of approved electives.

GROUP I

CHEMISTRY–MATHEMATICS–PHYSICS

Sophomore Year

Engl 201 Lit. & Adv. Comp.	2 (2,0)	Engl 202 Lit. & Adv. Comp.	2 (2,0)
Math 203 Diff. Calculus	5 (5,0)	Math 204 Integral Calculus	5 (5,0)
Modern Language	3 (3,0)	Modern Language	3 (3,0)
Phys 201 General Physics	3 (3,0)	Phys 202 General Physics	3 (3,0)
Phys 203 Gen. Phys. Lab.	1 (0,3)	Phys 204 Gen. Phys. Lab.	1 (0,3)
M S 201 Military Drill	1 (0,3)	M S 202 Military Drill	1 (0,3)
Approved Elective	3	Approved Elective	3
	18		18

Junior Year

Bot 101 General Botany	4 (3,3)	Zool 101 General Zoology	4 (3,3)
Engl 301 Public Speaking	3 (3,0)	M S 302 Military Drill	1 (0,3)
M S 301 Military Drill	1 (0,3)	Approved Electives	11
Approved Electives	8		
	16		16

Senior Year

Approved Electives	16	Approved Electives	16

GROUP II

BIOLOGICAL SCIENCES–ECONOMICS AND SOCIOLOGY ENGLISH–HISTORY AND GOVERNMENT

Sophomore Year

Bot 101 General Botany	4 (3,3)	Engl 202 Lit. & Adv. Comp.	2 (2,0)
Engl 201 Lit. & Adv. Comp.	2 (2,0)	Modern Language	3 (3,0)
Modern Language	3 (3,0)	Phys 202 General Physics	3 (3,0)
Phys 201 General Physics	3 (3,0)	Phys 204 Gen. Phys. Lab.	1 (0,3)
Phys 203 Gen. Phys. Lab.	1 (0,3)	Zool 101 General Zoology	4 (3,3)
M S 201 Military Drill	1 (0,3)	M S 202 Military Drill	1 (0,3)
Approved Elective	3	Approved Elective	3
	17		17

Junior Year

Engl 301 Public Speaking	3 (3,0)	M S 302 Military Drill	1 (0,3)
M S 301 Military Drill	1 (0,3)	Approved Electives	16
Approved Electives	13		
	17		17

Senior Year

Approved Electives	16	Approved Electives	16

INDUSTRIAL PHYSICS

The curriculum in Industrial Physics is planned to give thorough preparation in various branches of physics and in related sciences for students planning to use them in industrial applications, and to provide adequate preparation for students planning to take graduate training in physics. In addition to

training in Physics, this curriculum provides rather extensive training in either Chemistry or Electrical Engineering as most applications of physics in industry will require one or the other. The courses in physics combine a sound theoretical background with laboratory practice in the technique of precision measurements.

The freshman year of this curriculum is the same as that for engineering students. This allows a student to postpone his decision as to whether to take engineering or physics until the beginning of his sophomore year. For a student who would like to spread his physics work over all four years, an alternate course of study has been developed. The freshman year of this course is the same as that for Chemistry students. The class adviser can furnish an outline for the other years.

INDUSTRIAL PHYSICS

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or Gov 101 Amer. Nat'l. Gov't.	3	(3,0)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
Math 103 Freshman Math.	5	(5,0)	Engl 102 Comp. and Lit.	3	(3,0)
M S 101 Military Drill	1	(0,3)	Math 104 Freshman Math.	5	(5,0)
			M S 102 Military Drill	1	(0,3)
	17			17 or 18	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
or In En 201 Metal Processes	2	(0,6)	or Approved Electives	4 - 5	
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
or Phys 201 General Physics	3	(3,0)	or Phys. 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)	M S 202 Military Drill	1	(0,3)
Approved Elective	0 - 3				
	17			17	

Junior Year

E E 307 D. C. Cir. & Mach.	4	(3,3)	E E 308 A. C. Cir. & Mach.	4	(3,3)
or Chem 233 Orgnc. Chem.	4	(3,3)	or Chem 234 Orgnc. Chem.	4	(3,3)
Hist 301 U. S. Since 1865	3	(3,0)	Engl 301 Public Speaking	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)	Phys 304 Descript. Astronomy	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)	or Phys 308 Sound & Ac'us's.	3	(3,0)
Phys 321 Mech. & Prop. Mat.	3	(3,0)	Phys 312 Heat & Kinetic Th.	3	(3,0)
Phys 323 Experimental Mech.	2	(0,6)	Phys 314 Experimental Heat	2	(0,6)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
Approved Elective	2		Approved Elective	2	
	19			18	

Senior Year

E E 411 A. C. Machinery	5	(3,6)	E E (as approved)	4	
or Chem 391 Physical Chem.	4	(2,5)	or Chem 392 Phy. Chem.	4	(2,5)
Phys 341 Magnetism & Elec.	3	(3,0)	Phys 332 Light	3	(3,0)
Phys 343 Experimental Elec.	2	(0,6)	Phys 334 Experimental Light	2	(0,6)
Approved Electives	7 - 8		Phys 452 Atom. & Nucl. Ph.	3	(3,0)
			Approved Electives	4	
	17			16	

PRE-MEDICINE

The course in Pre-Medicine is designed to meet the general entrance requirements of standard medical colleges. Since, however, requirements for entrance to various medical schools are not uniform, the student before choosing his electives should consult the specific requirements of the medical college of his preference.

Those preparing for the study of medicine are advised to complete four years of undergraduate work before entering a medical school. Clemson College, however, will award the degree of Bachelor of Science in Pre-Medicine to a student who, after completing all requirements of the first three years of the Pre-Medical course, is graduated from a medical college approved by the American Medical Association. Requirements of the first three years would be three-fourths of the number of hours required for graduation, including required courses for the first three years.

The total number of hours required for graduation is 138 hours *plus* the complete ROTC program, *or* 12 hours of approved electives.

PRE-MEDICINE

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Fr 101 Beginner's French	3	(3,0)	Fr 102 Beginner's French	3	(3,0)
or Ger 101 Beginner's Ger.	3	(3,0)	or Ger 102 Beginner's Ger.	3	(3,0)
Hist 101 American History	3	(3,0)	Hist 102 American History	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	19			19	

Sophomore Year

Chem 211 Qual. Analysis	3	(1,6)	Bot 101 General Botany	4	(3,3)
D D 101 Freehand Drawing	1	(0,3)	Chem 212 Quan. Analysis	3	(1,6)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Engl 202 Lit. and Adv. Comp.	2	(2,0)
Fr 201 Second-Year French	3	(3,0)	Fr 202 Second-Year French	3	(3,0)
or Ger 201 Second-Year Ger.	3	(3,0)	or Ger 202 Second-Year Ger.	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
Zool 101 General Zoology	4	(3,3)	M S 202 Military Drill	1	(0,3)
M S 201 Military Drill	1	(0,3)			
	18			17	

Junior Year

Chem 235 Organic Chemistry	5	(3,6)	Chem 236 Organic Chemistry	5	(3,6)
Econ 201 Prin. of Economics	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Engl 301 Public Speaking	3	(3,0)	M S 302 Military Drill	1	(0,3)
M S 301 Military Drill	1	(0,3)	Approved Electives	8	
Approved Electives	5				
	17			17	

Senior Year

Bact 301 Gen. Bacteriology	4	(3,3)	Hist 304 Hist. of Civ.	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)	Psych 302 Social Psychology	3	(3,0)
Psych 301 Gen. Psychology	3	(3,0)	Soc 301 Elem. Sociology	3	(3,0)
Zool 301 Advanced Zoology	3	(2,3)	Zool 302 Embryology	3	(2,3)
Approved Elective	3		Approved Elective	3	
	16			15	

SCHOOL OF CHEMISTRY

CHEMISTRY

This major is designed to give the student a thorough knowledge of the fundamental principles of chemistry. Recent advances; however, have made some specialization necessary. Beginning with the junior year a student may take electives in engineering, textile chemistry, botany, bacteriology, physics and other related sciences. Thus graduates are prepared for employment as chemists in fertilizer inspection, food inspection, teaching or commercial laboratories. Commercial opportunities are also found in the petroleum, rubber, cotton oil, drug, wood pulp, munitions and many other industries. Many graduates engage in Experiment Station work and government service. Those who wish to pursue graduate work for teaching or research should include in their electives the two years of modern language required by most universities as a prerequisite for graduate work.

CHEMISTRY

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 101 Freehand Drawing	1	(0,3)	D D 102 Mechanical Drawing	1	(0,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	18			18	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
Chem 235 Organic Chemistry	5	(3,6)	Chem 236 Organic Chemistry	5	(3,6)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
M S 201 Military Drill	1	(0,3)	M S 202 Military Drill	1	(0,3)
	17			17	

Junior Year

Chem 315 Adv. Quan. Anal.	3	(2,3)	Chem 316 Gas Analysis	3	(2,3)
Chem 385 Adv. Org. Chem.	4	(2,6)	Chem 394 Physical Chemistry	3	(3,0)
Chem 393 Physical Chemistry	3	(3,0)	Chem 396 Physical Chemistry	2	(0,6)
Chem 395 Physical Chemistry	2	(0,6)	Geol 306 Mineralogy	4	(3,3)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
Approved Electives	5		Approved Electives	5	
	18			18	
Suggested Electives:			Suggested Electives:		
Bot 101 General Botany	4	(3,3)	Chem 386 Qual. Org. Analysis	4	(2,6)
Chem 311 El. Chem. Microscopy	3	(2,3)	Engl 301 Public Speaking	3	(3,0)
Econ 201 Prin. of Economics	3	(3,0)	Engl 302 Business Law	3	(3,0)
Modern Language	3	(3,0)	Modern Language	3	(3,0)
Soc 301 Elem. Sociology	3	(3,0)	Zool 101 General Zoology	4	(3,3)

Senior Year

Chem 451 Adv. Inorg. Chem.	3	(3,0)	Chem 458 Thesis	3	(0,9)
Chem 455 History of Chem.	2	(2,0)	Chem 456 Industrial Chem.	3	(3,0)
Chem 465 Technical Analysis	3	(1,6)	Chem 492 Colloid Chemistry	2	(2,0)
Chem 491 Colloid Chemistry	2	(2,0)	Approved Electives	8	
Approved Electives	6				
	16			16	
Suggested Electives:			Suggested Electives:		
Bact 301 Gen. Bacteriology	4	(3,3)	Agron 302 Genetics	3	(2,3)
Chem 495 Electrochemistry	2	(1,3)	Chem 238 Stoichiometry	2	(2,0)
Math 305 Intermediate Calc.	3	(3,0)	Chem 496 Electrochemistry	2	(1,3)
Modern Language	3	(3,0)	Math 306 Ord. Diff. Equa.	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)	Modern Language	3	(3,0)
			Phys 452 Atom. & Nucl. Ph.	3	(3,0)

SCHOOL OF ENGINEERING

Six curricula are offered under the School of Engineering including Architecture, Architectural Engineering, Civil Engineering, Electrical Engineering, and Mechanical Engineering. The curricula in Civil, Electrical, and Mechanical Engineering are accredited by the Engineers Council for Professional Development.

While the School of Engineering does not offer specific options or majors under each of these curricula, the training includes many phases of each respective field. Thus, a Civil Engineering student is graduated in Civil Engineering rather than hydraulic engineering, highway engineering, sanitary engineering or other such options, but the curriculum in Civil Engineering includes definite training along these lines. In the same way, the other engineering curricula include thorough training in various phases of the field of specialization without over-emphasizing one phase to the neglect of others.

All engineering consists of the application of the laws of physics, chemistry, and mathematics to the solution of specific problems. Furthermore, any engineer must be able to express his ideas both in words and in drawings. For these two reasons the first two years of all the branches of engineering here listed are substantially the same and deal largely with the fundamentals mentioned above.

An engineer in any branch should understand the methods of fabrication of machine parts and the possibilities and limitations of various methods. For this reason shop courses are included in all engineering curricula. These courses are not manual training in nature and do not deal with the acquisition of specific skills.

In all curricula, over-specialization is carefully avoided by the inclusion of subjects which involve the most direct application of the basic sciences and which serve to develop habits of orderly analysis and logical thinking.

ARCHITECTURE AND ARCHITECTURAL ENGINEERING

The full professional courses in Architecture and Architectural Engineering as given below lead to the Bachelor of Science degree in the respective courses at the end of the fourth year, and to the Bachelor of Architecture degree at the end of the fifth year. The two courses are the same in the freshman and sophomore classes. Those students interested in architectural design continue in the course in Architecture and those interested in construction pursue the course in Architectural Engineering.

The courses are broad in scope, fitting the graduate not only for the practice of architecture, but for a number of allied professions. All work is individual and every effort is made to develop the students' individuality, imagination and creative ability. Skillful draftsmanship and artistic presentation are insisted upon.

The South Carolina State Board of Architectural Examiners accept the diploma of this Department as equivalent to two years' work in a practicing architect's office, otherwise required. The department is a member of the Association of Collegiate Schools of Architecture.

As Architecture is one of the fine arts much time is given to freehand drawing, color work, history of architecture, painting and sculpture. Architectural design and building construction are the two major subjects and greatest attention is paid to them throughout the entire course. The two courses parallel each other and insofar as feasible are integrated one with the other. In these the student is given a written program of requirements of a building or group of buildings and under the criticism of the instructor creates a design embodying his own ideas.

Fundamental courses are given in mathematics, graphic statics, strength of materials, reinforced concrete, steel, building materials and details, and in working drawings which consist of complete plans and specifications for a building prepared as in the office of the practicing architect.

The architectural library adjoining the drafting rooms is a working library with many volumes concerning architecture and allied subjects, photographic plans and illustrations, lantern slides, drawings, models and files of the leading architectural magazines, both American and foreign. Books of this type purchased by the main College library are deposited in the architectural library. In the structural drafting room is a complete built-in exhibit of building materials and appliances especially arranged for instructional purposes.

Each spring students are expected to take an educational trip to a large city to study examples of architecture and construction.

Six weeks of practical architectural work approved by the architectural faculty are required for graduation.

ARCHITECTURE

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Arch 101 Graphics	3	(0,9)	Arch 102 Architectural Design	2	(0,6)
Arch 103 Freehand Drawing	1	(0,3)	Arch 104 Freehand Drawing	2	(0,6)
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	17			17	

Sophomore Year

Arch 201 Arch. Design	4	(0,12)	Arch 202 Arch. Design	4	(0,12)
Arch 205 Antique and Color	1	(0,3)	Arch 206 Antique and Color	1	(0,3)
Arch 209 Hist. of Arch.	3	(3,0)	Arch 210 Hist. of Arch.	3	(3,0)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Math 201 Diff. Calculus	3	(3,0)	Math 202 Integral Calculus	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)	M S 202 Military Drill	1	(0,3)
	18			18	

Junior Year

Arch 301 Arch. Design	6	(0,18)	Arch 302 Arch. Design	6	(0,18)
Arch 305 Sketching	1	(0,3)	Arch 306 Sketching	1	(0,3)
Arch 309 Hist. of Arch.	2	(2,0)	Arch 316 Bldg. Construction	2	(2,0)
Arch 315 Bldg. Construction	2	(2,0)	Arch 318 Working Drawings	1	(0,3)
Arch 317 Working Drawings	1	(0,3)	Engl 301 Public Speaking	3	(3,0)
Mech 302 Statics	3	(3,0)	Mech 304 Mech. of Matr.	3	(3,0)
Mech 306 Graphic Statics	1	(0,3)	M S 302 Military Drill	1	(0,3)
M S 301 Military Drill	1	(0,3)			
	17			17	

Senior Year

Arch 401 Arch. Design	7	(0,21)	Arch 402 Arch. Design	7	(0,21)
Arch 405 Life Drawing	1	(0,3)	Arch 406 Life Drawing	1	(0,3)
Arch 415 Bldg. Design	4	(2,6)	Arch 410 History of Art	3	(3,0)
Arch 419 Mechanical Plant	2	(2,0)	Arch 416 Bldg. Design	4	(2,6)
C E 409 Reinf. Concrete	4	(3,3)	Arch 420 Profess. Practice	1	(1,0)
	18			16	

Four-year course leads to the degree of Bachelor of Science

Fifth Year

Arch 431 Arch. Design	8	(0,24)	Arch 432 Arch. Design	8	(0,24)
Arch 435 Composition	1	(0,3)	Arch 436 Composition	1	(0,3)
Arch 439 Hist. Mod.	3	(3,0)	Arch 440 Hist. Mod.	3	(3,0)
Arch 445 Bldg. Design	1	(0,3)	Arch 446 Bldg. Design	1	(0,3)
Arch 447 City Planning	3	(1,6)	Arch 448 City Planning	3	(1,6)
Approved Elective	4		Approved Elective	4	
	20			20	

Five-year course leads to the degree of Bachelor of Architecture

Suggested Electives: See General Electives under Architectural Engineering.

ARCHITECTURAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester

Arch 101 Graphics	3	(0,9)
Arch 103 Freehand Drawing	1	(0,3)
Chem 101 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)
M S 101 Military Drill	1	(0,3)
	17	

Second Semester

Arch 102 Architectural Design	2	(0,6)
Arch 104 Freehand Drawing	2	(0,6)
Chem 102 General Chemistry	4	(3,3)
Engl 102 Comp. and Lit.	3	(3,0)
Math 104 Freshman Math.	5	(5,0)
M S 102 Military Drill	1	(0,3)
	17	

Sophomore Year

Arch 201 Arch. Design	4	(0,12)
Arch 205 Antique and Color	1	(0,3)
Arch 209 Hist. of Arch.	3	(3,0)
Engl 201 Lit. & Adv. Comp.	2	(2,0)
Math 201 Diff. Calculus	3	(3,0)
Phys 201 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)
	18	

Arch 202 Arch. Design	4	(0,12)
Arch 206 Antique and Color	1	(0,3)
Arch 210 Hist. of Arch.	3	(3,0)
Engl 202 Lit. & Adv. Comp.	2	(2,0)
Math 202 Integral Calculus	3	(3,0)
Phys 202 General Physics	3	(3,0)
Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 202 Military Drill	1	(0,3)
	18	

Junior Year

Arch 305 Sketching	1	(0,3)
Arch 311 Arch. Design	4	(0,12)
Arch 315 Bldg. Construction	2	(2,0)
Arch 317 Working Drawings	1	(0,3)
C E 101 Intro. Surveying	2	(1,3)
C E 309 Stress Analysis	2	(0,6)
Mech 302 Statics	3	(3,0)
Mech 306 Graphic Statics	1	(0,3)
M S 301 Military Drill	1	(0,3)
	17	

Arch 306 Sketching	1	(0,3)
Arch 312 Arch. Design	3	(0,9)
Arch 316 Bldg. Construction	2	(2,0)
Arch 318 Working Drawings	1	(1,0)
C E 310 Elementary Design	2	(0,6)
Engl 301 Public Speaking	3	(3,0)
Mech 304 Mech. of Matr.	3	(3,0)
Mech 305 Mech. Matr. Lab.	1	(0,3)
M S 302 Military Drill	1	(0,3)
	17	

Senior Year

Arch 411 Arch. Design	5	(0,15)
Arch 417 Construction	5	(2,9)
C E 409 Reinf. Concrete	4	(3,3)
Technical Elective	3	
	17	
Technical Electives:		
Arch 447 City Planning	3	(1,6)
E E 303 Electrical Engr.	4	(3,3)
General Electives:		
Econ 201 Prin. of Economics	3	(3,0)
Econ 301 Labor Problems	3	(3,0)
Econ 401 Accounting	3	(3,0)
Elective English	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)
Psych 301 Gen. Psychology	3	(3,0)

Arch 412 Arch. Design	4	(0,12)
Arch 418 Construction	5	(2,9)
Arch 420 Profess. Practice	1	(1,0)
C E 415 Foundations	2	(2,0)
Phys 308 Sound & Acoustics	3	(3,0)
Technical Elective	2	
	17	
Technical Electives:		
Arch 448 City Planning	3	(1,6)
C E 416 Contracts	2	(2,0)
M E 302 Mech. Engr.	3	(3,0)
M E 304 Mech. Engr.	1	(0,3)
General Electives:		
Econ 202 Prin. of Economics	3	(3,0)
Econ 302 Money and Banking	3	(3,0)
Elective English	3	(3,0)
Gov 302 State and Local Gov.	3	(3,0)
Gov 403 Internat'l. Relat.	3	(3,0)
Hist 304 Hist. of Civ.	3	(3,0)
Psych 302 Social Psychology	3	(3,0)
Soc 301 Elem. Sociology	3	(3,0)

CHEMICAL ENGINEERING

This course combines a well-rounded course in chemistry with fundamental courses in physics, mechanics, and engineering subjects with a view of training men for work in the chemical industries or industries in which both chemistry and engineering knowledge is necessary. The industries are more and more abandoning rule-of-thumb methods and are using men with a knowledge both of chemistry and engineering to design their plans and supervise the operation of various processes. An engineering knowledge is required in solving the engineering problems which arise in connection with the chemical industry or chemical processes. The efficiency of production necessitates discovering where losses occur, developing uses of by-products, and recovering and utilizing waste products.

Chemical Engineering graduates are employed largely in industrial organizations either in manufacturing products or in developing new ways of making things. Other opportunities include work in research laboratories, technical service, and sales division work of chemical products companies.

CHEMICAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Surveying	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	17			17	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
In En 201 Metal Processes	2	(0,6)	Math 204 Integral Calculus	5	(5,0)
Math 203 Diff. Calculus	5	(5,0)	Mech 302 Statics	3	(3,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)	M S 202 Military Drill	1	(0,3)
	19			20	

Junior Year

Ch En 301 Prin. Chem. Engr.	3 (3,0)	Ch En 302 Prin. Chem. Engr.	3 (3,0)
Ch En 305 Unit Operations	1 (0,3)	Ch En 306 Unit Operations	1 (0,3)
Chem 233 Organic Chemistry	4 (3,3)	Ch En 310 Technical Analysis	3 (1,6)
Chem 391 Physical Chemistry	4 (2,5)	Chem 234 Organic Chemistry	4 (3,3)
Mech 303 Kinetics	3 (3,0)	Chem 392 Physical Chemistry	4 (2,5)
M S 301 Military Drill	1 (0,3)	M S 302 Military Drill	1 (0,3)
	16		16

Senior Year

Ch En 401 Prin. Chem. Engr.	3 (3,0)	Ch En 402 Devel. Lab.	2 (0,6)
Ch En 403 Chem. Industries	3 (3,0)	Ch En 404 Chem. Industries	3 (3,0)
Ch En 405 Unit Operations	2 (0,6)	Ch En 406 Ind. Chem. Calc.	2 (2,0)
Ch En 409 Plant Design	2 (1,3)	Ch En 410 Plant Design	2 (1,3)
Ch En 415 Ch. En. Seminar	0 (1,0)	Ch En 412 Chem. Projects	3 (0,9)
E E 303 Electrical Engr.	4 (3,3)	Ch En 416 Ch. En. Seminar	0 (1,0)
Mech 304 Mech. of Matr.	3 (3,0)	M E 302 Mech. Engr.	3 (3,0)
	17	M E 304 Mech. Engr.	1 (0,3)
			16
Suggested Electives:		Suggested Electives:	
Chem 491 Colloid Chemistry	2 (2,0)	Chem 492 Colloid Chemistry	2 (2,0)
Chem 495 Electrochemistry	2 (1,3)	Chem 496 Electrochemistry	2 (1,3)
Econ 201 Prin. of Economics	3 (3,0)	Econ 202 Prin. of Economics	3 (3,0)
Econ 301 Labor Problems	3 (3,0)	Econ 302 Money and Banking	3 (3,0)
Econ 401 Accounting	3 (3,0)	Elective English	3 (3,0)
Elective English	3 (3,0)	Phys 452 Atom and Nucl. Ph.	3 (3,0)
Hist 303 Hist. of Civ.	3 (3,0)	Gov 403 Internat'l. Relat.	3 (3,0)
Modern Language	3 (3,0)	Hist 304 Hist. of Civ.	3 (3,0)
Phys 301 Int. to Mod. Phys.	3 (3,0)	Modern Language	3 (3,0)
Phys 303 Exp. in Mod. Phys.	1 (0,3)	Psych 302 Social Psychology	3 (3,0)
Psych 301 Gen. Psychology	3 (3,0)	Soc 301 Elem. Sociology	3 (3,0)

CIVIL ENGINEERING

This course is intended to prepare young men for entrance upon professional practice in Civil Engineering and also to meet the needs of those who, having been engaged in engineering work without a course of instruction in the technical details thereof, desire to equip themselves for more successful competition with those who have had the benefit of such instruction.

In connection with the technical studies, liberal training is given in English, economics, mathematics, physics and chemistry. This course also embraces a considerable amount of drawing and shop work and short courses in electrical engineering and mechanical engineering.

The distinctive work pursued by students in Civil Engineering includes: the field and office work of land surveying, topographic surveying and mapping, and leveling; the location and construction of railroads and highways; bridges, and other related structures; the investigation of the strength of the materials of construction and the theories involved in their use; masonry construction, including reinforced concrete; foundations;

a study of soil mechanics and a laboratory course in soil analysis; a particular study of highway engineering, including a laboratory course covering all the standard tests of highway materials, both bituminous and non-bituminous; municipal and sanitary engineering, which includes the study of bacteriology, water supply, sewerage and drainage; and a brief study of engineering law relating to contracts and specifications.

Positions held by Civil Engineering graduates include resident engineer, engineer in charge of flood control, bridge designer, construction superintendents, city engineer, railroad maintenance and construction engineer, and also such positions as Testing Engineer, State Highway Engineer, and Chief Highway Commissioner.

A summer surveying camp between the sophomore and junior years is normally an integral part of the course in Civil Engineering, but this feature was suspended during the war, and has not yet been reinstated.

CIVIL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester		*Second Semester*	
Chem 101 General Chemistry	4 (3,3)	Chem 102 General Chemistry	4 (3,3)
D D 105 Engr. Drawing	2 (0,6)	C E 101 Intro. Surveying	2 (1,3)
Engl 101 Comp. and Lit.	3 (3,0)	Engl 102 Comp. and Lit.	3 (3,0)
In En 101 Metal Processes	2 (0,6)	D D 106 Engr. Drawing	2 (0,6)
or C E 101 Intro. Surveying	2 (1,3)	Math 104 Freshman Math.	5 (5,0)
Math 103 Freshman Math.	5 (5,0)	M S 102 Military Drill	1 (0,3)
M S 101 Military Drill	1 (0,3)		
	17		17

Sophomore Year

C E 201 Surveying	2 (2,0)	C E 202 Surveying	2 (2,0)
C E 203 Topog. Survey. & Map.	1 (0,3)	Engl 202 Lit. & Adv. Comp.	2 (2,0)
C E 205 C. E. Problems	2 (1,3)	Math 204 Integral Calculus	5 (5,0)
Engl 201 Lit. & Adv. Comp.	2 (2,0)	Mech 302 Statics	3 (3,0)
Math 203 Diff. Calculus	5 (5,0)	Mech 306 Graphic Statics	1 (0,3)
Phys 211 G. Phys. for Engr.	4 (4,0)	Phys 212 G. Phys. for Engr.	4 (4,0)
Phys 213 Gen. Phys. Lab.	1 (0,3)	Phys 214 Gen. Phys. Lab.	1 (0,3)
M S 201 Military Drill	1 (0,3)	M S 202 Military Drill	1 (0,3)
	18		19

C E 300 Summer Surveying Camp 2

Junior Year

C E 305	Route Surveying	3 (3,0)	C E 306	Roads & Pavements	4 (3,3)
C E 309	Stress Analysis	2 (0,6)	C E 310	Elementary Design	2 (0,6)
Econ 201	Prin. of Economics	3 (3,0)	Engl 301	Public Speaking	3 (3,0)
E E 303	Electrical Engr.	4 (3,3)	Geol 406	Engr. Geology	3 (3,0)
Mech 304	Mech. of Matr.	3 (3,0)	M E 302	Mech. Engr.	3 (3,0)
Mech 305	Mech. Matr. Lab.	1 (0,3)	M E 304	Mech. Engr. Lab.	1 (0,3)
M S 301	Military Drill	1 (0,3)	M S 302	Military Drill	1 (0,3)
		17			17

Senior Year

C E 401	Structural Design	3 (2,3)	Bact 406	Sanitary Bact.	4 (3,3)
C E 405	Road Lab.	1 (0,3)	C E 402	Structural Analysis	2 (2,0)
C E 409	Reinf. Concrete	4 (3,3)	C E 406	Road Lab.	1 (0,3)
C E 415	Soil Mechanics	3 (2,3)	C E 410	Mun. & San. Engr.	5 (5,0)
Mech 401	Fluid Mechanics	3 (3,0)	C E 416	Contracts	2 (2,0)
Mech 403	Fluid Mech. Lab.	1 (0,3)	Technical Elective		2
		15			16

Suggested Electives:

C E 417	City Planning	2 (2,0)	C E 418	Water Power Engr.	3 (3,0)
Econ 301	Labor Problems	3 (3,0)	C E 452	Adv. Struct. Anal.	2 (2,0)
Econ 401	Accounting	3 (3,0)	Econ 202	Prin. of Economics	3 (3,0)
Hist 303	Hist. of Civ.	3 (3,0)	Econ 302	Money and Banking	3 (3,0)
In En 205	Constr. Materials	2 (2,0)	Hist 304	Hist. of Civ.	3 (3,0)
Math 305	Intermediate Calc.	3 (3,0)	In En 302	Welding	2 (1,3)
Phys 301	Int. to Mod. Phys.	3 (3,0)	Math 306	Ord. Diff. Equa.	3 (3,0)
Phys 303	Exp. in Mod. Phys.	1 (0,3)	Phys 304	Descript. Astronomy	3 (3,0)
Psych 301	Gen. Psychology	3 (3,0)	Psych 302	Social Psychology	3 (3,0)
Religion		3 (3,0)	Religion		3 (3,0)
			Soc 301	Elem. Sociology	3 (3,0)

ELECTRICAL ENGINEERING

Opportunities in electrical engineering embrace the entire electrical industry which is concerned with the generation, transmission, and utilization of electrical energy for domestic and industrial purposes. The field includes illumination, transportation, communication, electronics, and the design, manufacture and sale of electrical machines and devices.

While a good portion of the graduates find employment with the large utility and manufacturing companies, radio corporations, and the telephone industry, other opportunities in South Carolina and in the South are rapidly increasing with the industrial expansion and rural electrification developments in this section. Although the immediate work of graduates includes general technical and operational duties, many soon progress, with training and experience, into design, research, and administrative work.

The curriculum for students in electrical engineering contains a correlated series of fundamental studies which enable the student to enter any division of the field of electrical engineer-

ing. In addition the curriculum includes a selected group of broadening and cultural courses.

The first two years are devoted largely to basic sciences and other subjects prerequisite to the general field of engineering. The work of the last two years is more specialized and embraces required and elective courses which are pertinent to the two major fields, Power Engineering and Communication Engineering.

The theoretical courses in science and engineering are paralleled and reinforced by strong laboratory courses through which the student may make his own determinations of the characteristics of engineering materials and machines. The laboratories are well equipped for this work.

The entire course is directed toward the development of initiative and self-reliance, so that the student may enter his chosen field with reasonable hope of usefulness and success.

ELECTRICAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Survey.	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	17			17	

Sophomore Year

E E 211 Electric Circuits	3	(3,0)	E E 212 Electric Fields	3	(2,3)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Econ 201 Prin. of Economics	3	(3,0)	In En 201 Metal Processes	2	(0,6)
or In En 201 Metal Processes	2	(0,6)	or Econ 201 Prin. of Econ.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 212 G. Phys. for Engr.	4	(4,0)	Phys 211 G. Phys. for Engr.	4	(4,0)
Phys 214 Gen. Phys. Lab.	1	(0,3)	Phys 213 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)	M S 202 Military Drill	1	(0,3)
	19 or 18			18 or 19	

Junior Year

E E 311 D. C. Machinery	4	(3,3)	E E 316 A. C. Circuits	4	(3,3)
E E 315 A. C. Circuits	3	(3,0)	E E 320 Electronics	4	(3,3)
Engl 301 Public Speaking	3	(3,0)	M E 306 Heat Power	3	(3,0)
M E 305 Heat Power	3	(3,0)	M E 308 Heat Power Lab.	1	(0,3)
Mech 302 Statics	3	(3,0)	Mech 303 Kinetics	3	(3,0)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
	17			16	

Senior Year

E E 411 A. C. Machinery	5	(3,6)
E E 415 Advanced Circuits	3	(3,0)
Hist 301 U. S. Since 1865	3	(3,0)
M E 407 Mechanical Lab.	1	(0,3)
Technical Elective	5	
	17	

Technical Electives:

E E 405 Electrical Design	1	(0,3)
E E 427 Adv. A. C. Mach.	3	(3,0)
E E 431 Radio Communication	4	(3,3)
E E 433 Indus. Electronics	3	(2,3)
M E 411 Heat Power	3	(3,0)
M E 413 Heat Power Lab.	2	(0,6)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)

General Electives:

Econ 301 Labor Problems	3	(3,0)
Econ 401 Accounting	3	(3,0)
Elective English	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)
Psych 301 Gen. Psychology	3	(3,0)

E E 412 A. C. Machinery	4	(3,3)
M E 420 Administration	3	(3,0)
Mech 304 Mech. of Matr.	3	(3,0)
Technical Elective	7	
	17	

Technical Electives:

E E 406 Electrical Design	1	(0,3)
E E 422 Elect. Distribut.	2	(2,0)
E E 426 Elect. Transients	2	(1,3)
E E 432 Radio Communication	4	(3,3)
E E 436 Rad. & Wave Prop.	3	(2,3)
M E 426 Steam Turbines	3	(3,0)
M E 428 Steam Turbine Design	1	(0,3)

General Electives:

Econ 202 Prin. of Economics	3	(3,0)
Econ 302 Money and Banking	3	(3,0)
Elective English	3	(3,0)
Gov 302 State and Local Gov.	3	(3,0)
Gov 403 Internat'l. Relat.	3	(3,0)
Hist 304 Hist. of Civ.	3	(3,0)
Psych 302 Social Psychology	3	(3,0)
Soc 301 Elem. Sociology	3	(3,0)

MECHANICAL ENGINEERING

This course deals largely with the production of power from prime sources of energy and the design of the wide variety of mechanisms involved in the production and use of this power. This necessitates a study of thermodynamics, mechanics, strength of materials, metallurgy, and hydraulics.

The economic aspects of all engineering are emphasized as much as possible and the program is conducted so as to encourage orderly habits of attack and analysis with the main emphasis on why rather than how.

Mechanical engineering graduates work with the production of power from fuel and water, with the construction and operation of machines used in manufacturing, and with the operation of power industries and manufacturing plants. In addition to the power companies and large electric and manufacturing concerns where many graduates are employed, opportunities are numerous in the automotive, aeronautical, railroad, air conditioning and refrigeration industries. The vast power developments and manufacturing uses of power promise even greater opportunities for mechanical engineers.

MECHANICAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester

Chem 101 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)
In En 101 Metal Processes	2	(0,6)
or C E 101 Intro. Survey.	2	(1,3)
Math 103 Freshman Math.	5	(5,0)
M S 101 Military Drill	1	(0,3)
	17	

Second Semester

Chem 102 General Chemistry	4	(3,3)
C E 101 Intro. Surveying	2	(1,3)
or In En 101 Metal Processes	2	(0,6)
D D 106 Engr. Drawing	2	(0,6)
Engl 102 Comp. and Lit.	3	(3,0)
Math 104 Freshman Math.	5	(5,0)
M S 102 Military Drill	1	(0,3)
	17	

Sophomore Year

Engl 201 Lit. & Adv. Comp.	2	(2,0)
In En 201 Metal Processes	2	(0,6)
or In En 202 Wood Proc.	2	(0,6)
Math 203 Diff. Calculus	5	(5,0)
M E 211 Mech. Engr.	2	(2,0)
M E 213 Mech. Engr. Lab.	1	(0,3)
Phys 211 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)
	18	

Engl 202 Lit. & Adv. Comp.	2	(2,0)
In En 202 Wood Processes	2	(0,6)
or In En 201 Metal Processes	2	(0,6)
Math 204 Integral Calculus	5	(5,0)
Mech 302 Statics	3	(3,0)
Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 202 Military Drill	1	(0,3)
	18	

Junior Year

D D 305 Mechanism	2	(1,3)
Econ 201 Prin. of Economics	3	(3,0)
E E 307 D. C. Cir. & Mach.	4	(3,3)
M E 311 Heat Power	3	(3,0)
M E 313 Heat Power Lab.	1	(0,3)
Mech 303 Kinetics	3	(3,0)
M S 301 Military Drill	1	(0,3)
	17	

D D 306 Machine Design	2	(1,3)
E E 308 A. C. Cir. & Mach.	4	(3,3)
Engl 301 Public Speaking	3	(3,0)
M E 312 Heat Power	3	(3,0)
M E 314 Heat Power Lab.	1	(0,3)
Mech 304 Mech. of Matr.	3	(3,0)
M S 302 Military Drill	1	(0,3)
	17	

Senior Year

Hist 301 U. S. Since 1865	3	(3,0)
M E 411 Heat Power	3	(3,0)
M E 413 Heat Power Lab.	2	(0,6)
M E 417 Design	2	(1,3)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)
Technical Elective	3	
	17	

Technical Electives:

C E 309 Stress Analysis	2	(0,6)
M E 421 Gas Engines	3	(3,0)
M E 423 Gas Engine Design	1	(0,3)
M E 429 Heating and Vent.	2	(2,0)
M E 431 Heat. & Vent. Des.	1	(0,3)
M E 433 Elem. Aerodynamics	2	(2,0)

General Electives:

Econ 301 Labor Problems	3	(3,0)
Econ 401 Accounting	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)
Math 305 Intermediate Calc.	3	(3,0)
Math 453 Advanced Calculus	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)
Psych 301 Gen. Psychology	3	(3,0)
T M 401 Textile Costing	5	(3,6)
T M 403 Textile Management	3	(3,0)
T M 454 Time Study	3	(2,3)

In En 402 Metallurgy	3	(3,0)
M E 412 Heat Power	3	(3,0)
M E 414 Heat Power Lab.	2	(0,6)
M E 418 Design	2	(1,3)
M E 420 Administration	3	(3,0)
Technical Elective	4	
	17	

Technical Electives:

E E 320 Electronics	4	(3,3)
M E 426 Steam Turbines	3	(3,0)
M E 428 Steam Turbine Design	1	(0,3)
M E 430 Air Conditioning	2	(2,0)
M E 432 Air Cond. Des.	1	(0,3)
M E 434 Refrigeration	2	(2,0)

General Electives:

Econ 202 Prin. of Economics	3	(3,0)
Econ 302 Money and Banking	3	(3,0)
Elective English	3	(3,0)
Hist 304 Hist. of Civ.	3	(3,0)
Math 306 Ord. Diff. Equa.	3	(3,0)
Math 454 Advanced Calculus	3	(3,0)
Phys 452 Atom and Nucl. Ph.	3	(3,0)
Psych 302 Social Psychology	3	(3,0)
Rel 201, 203 or 305	3	(3,0)
Soc 301 Elem. Sociology	3	(3,0)
T M 101 Intro. to Textiles	3	(2,3)

SCHOOL OF TEXTILES

The great majority of the textile corporations which produce textiles on the cotton system are now located in the Southeastern States, centering in South Carolina and neighboring states. This makes Clemson College an appropriate institution for college training in this field.

There is always a demand for our graduates which far exceeds our supply. There is a trend in the demand for some graduates with training in the basic engineering sciences; therefore, the Textile Engineering course has been modified to meet this demand.

The Clemson Textile School now offers three courses leading to the degree of B. S.—(1) Textile Engineering, (2) Textile Manufacturing, and (3) Textile Chemistry.

TEXTILE CHEMISTRY

The work of textile chemists includes the various phases of textile coloring, bleaching, printing, dyeing, and finishing of textile yarns and fabrics, as well as the manufacture and sale of dyestuffs. Graduates have positions such as bleachery chemist, dye foreman, designer, laboratory chemist, textile chemist, research assistant, and sales representative.

TEXTILE CHEMISTRY

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Gov 101 Am. Nat'l. Gov't.	3	(3,0)	Math 104 Freshman Math.	5	(5,0)
Math 103 Freshman Math.	5	(5,0)	T M 101 Intro. to Textiles	3	(2,3)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	18			18	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Econ 201 Prin. of Economics	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Phys 201 General Physics	3	(3,0)	Math 204 Integral Calculus	5	(5,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 202 General Physics	3	(3,0)
W D 201 Fabric Design	3	(2,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)	M S 202 Military Drill	1	(0,3)
	19			19	

Junior Year

Chem 391 Physical Chemistry	4	(2,5)	Chem 392 Physical Chemistry	4	(2,5)
Engl 301 Public Speaking	3	(3,0)	Chem 476 Industrial Chem.	3	(3,0)
T C 305 Textile Chemistry	4	(4,0)	Engl 302 Business Law	3	(3,0)
T C 307 Tex. Chem. Lab.	1	(0,3)	T C 306 Textile Chemistry	4	(4,0)
Y M 305 Cotton Marketing	1	(0,3)	T C 308 Tex. Chem. Lab.	1	(0,3)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
Approved Elective	2				
	16			16	

Senior Year

Chem 491 Colloid Chemistry	2	(2,0)	Chem 492 Colloid Chemistry	2	(2,0)
T C 405 Chem. Tex. Anal.	2	(1,3)	T C 406 Chem. Tex. Anal.	2	(1,3)
T C 447 Chem. Proc. Tex.	4	(4,0)	T C 442 Thesis	2	(0,6)
T C 449 Ch. Pr. Tex. Lab.	1	(0,3)	T C 452 Chem. Proc. Tex.	4	(4,0)
T C 455 Cellulose Chem.	3	(3,0)	T C 454 Ch. Pr. Tex. Lab.	1	(0,3)
T M 456 Phys. Tex. Testing	4	(2,6)	T C 456 Syn. Fbrs. & Fin.	2	(2,0)
			T M 454 Time Study	3	(2,3)
	16			16	

TEXTILE ENGINEERING

Students following this curriculum will receive instruction in basic textile courses for a total of thirty-six college credits; the balance (102 credits) will be in Physics, Mathematics, Economics, and Mechanical and Electrical Engineering. This curriculum was offered to freshmen and sophomores in the fall of 1946 and is now operative through half of the sophomore year. It will be offered for the complete four years beginning in February, 1948. Graduates in this course will be prepared to enter the research and development fields which are being emphasized by the textile industry, and they will also be prepared to go forward with postgraduate studies.

TEXTILE ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Surveying	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	17			17	

Sophomore Year

Engl 201 Lit. & Adv. Comp.	2	(2,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
In En 201 Metal Processes	2	(0,6)	Math 204 Integral Calculus	5	(5,0)
Math 203 Diff. Calculus	5	(5,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 214 Gen. Phys. Lab.	1	(0,3)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Y M 202 Carding	3	(2,3)
Y M 201 Blend. & Cleaning	3	(2,3)	M S 202 Military Drill	1	(0,3)
M S 201 Military Drill	1	(0,3)			
	18			16	

Junior Year

D D 305	Mechanism	2 (1,3)	D D 306	Machine Design	2 (1,3)
E E 307	D. C. Cir. & Mach.	4 (3,3)	E E 308	A. C. Cir. & Mach.	4 (3,3)
Mech 302	Statics	3 (3,0)	Mech 303	Kinetics	3 (3,0)
W D 201	Fabric Design	3 (2,3)	W D 202	Fabric Design	2 (1,3)
W D 205	Cam Loom Mech.	1 (0,3)	W D 206	Cam Loom Mech.	2 (1,3)
Y M 301	Roving Frames	3 (2,3)	Y M 302	Spinning	3 (2,3)
M S 301	Military Drill	1 (0,3)	M S 302	Military Drill	1 (0,3)
		17			17

Senior Year

Econ 201	Prin. of Economics	3 (3,0)	Econ 202	Prin. of Economics	3 (3,0)
Engl 301	Public Speaking	3 (3,0)	Engl 302	Business Law	3 (3,0)
M E 311	Heat Power	3 (3,0)	M E 312	Heat Power	3 (3,0)
M E 313	Heat Power Lab.	1 (0,3)	M E 314	Heat Power Lab.	1 (0,3)
T M 401	Textile Costing	5 (3,6)	T M 454	Time Study	3 (2,3)
T M 403	Textile Management	3 (3,0)	T M 456	Phys. Tex. Testing	4 (2,6)
			W D 305	Dobby & Box Mech.	1 (0,3)
		18			18

TEXTILE MANUFACTURING

This course will be followed by those textile students who intend to enter the production and management phases of the textile industry. The curriculum shows that they will receive sixty-five of their college credits in subjects taught in the textile School and they will be well prepared for rapid advancement in textile plants. It is recommended that all textile undergraduates find work in textile mills during summer vacations. This experience always aids them in their upperclass textile courses and also allows the students to make contacts with possible future employers.

TEXTILE MANUFACTURING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101	General Chemistry	4 (3,3)	Chem 102	General Chemistry	4 (3,3)
D D 105	Engr. Drawing	2 (0,6)	D D 106	Engr. Drawing	2 (0,6)
Engl 101	Comp. and Lit.	3 (3,0)	Engl 102	Comp. and Lit.	3 (3,0)
Gov 101	Am. Nat'l. Gov't.	3 (3,0)	Math 104	Freshman Math.	5 (5,0)
Math 103	Freshman Math.	5 (5,0)	T M 101	Intro. to Textiles	3 (2,3)
M S 101	Military Drill	1 (0,3)	M S 102	Military Drill	1 (0,3)
		18			18

Sophomore Year

Econ 201	Prin. of Economics	3 (3,0)	Econ 202	Prin. of Economics	3 (3,0)
Engl 201	Lit. & Adv. Comp.	2 (2,0)	Engl 202	Lit. & Adv. Comp.	2 (2,0)
Phys 201	General Physics	3 (3,0)	Phys 202	General Physics	3 (3,0)
Phys 203	Gen. Phys. Lab.	1 (0,3)	Phys 204	Gen. Phys. Lab.	1 (0,3)
W D 201	Fabric Design	3 (2,3)	W D 202	Fabric Design	2 (1,3)
W D 205	Cam Loom Mech.	1 (0,3)	W D 206	Cam Loom Mech.	2 (1,3)
Y M 201	Blend. & Cleaning	3 (2,3)	Y M 202	Carding	3 (2,3)
M S 201	Military Drill	1 (0,3)	M S 202	Military Drill	1 (0,3)
		17			17

Junior Year

Engl 301	Public Speaking	3	Engl 302	Business Law	3
W D 301	Fab. Struc. & Des.	2	W D 302	Fab. Analysis	2
W D 305	Dobby & Box Mech.	1	W D 306	Jacquard Mech.	2
W D 309	Knitting	1	T C 302	Textile Chemistry	2
T C 301	Textile Chemistry	2	T C 304	Tex. Chem. Lab.	1
T C 303	Tex. Chem. Lab.	1	Y M 302	Spinning	3
Y M 301	Roving Frames	3	Y M 305	Cotton Marketing	1
M S 301	Military Drill	1	Y M 306	Combing	2
Approved	Elective	3	M S 302	Military Drill	1
		17			17

Senior Year

Econ 401	Accounting	3	Soc 301	Elem. Sociology	3
T C 401	Chem. Proc. Tex.	2	T C 402	Chem. Proc. Tex.	2
T C 403	Ch. Pr. Tex. Lab.	1	T C 404	Ch. Pr. Tex. Lab.	1
T M 401	Textile Costing	5	T M 454	Time Study	3
T M 403	Textile Management	3	T M 456	Phys. Tex. Testing	4
W D 401	Warp Preparation	2	W D 402	Fabric Development	2
			Approved	Elective	3
		16			18

SCHOOL OF VOCATIONAL EDUCATION

The School of Vocational Education offers four-year curricula leading to the degree of Bachelor of Science in Vocational Agricultural Education, Education and Industrial Education. Courses are also made available for students of the other schools of the College. By making a proper program of studies it is possible for students to meet the professional requirements in subject matter and in education and to qualify for the teacher's certificate in this State. Students who are planning to teach are advised to plan not only their courses in education, but also their subject matter courses so as to fulfill the State requirements in the State where they plan to teach. Students who are interested are invited to consult the Dean and other members of the Vocational Educational staff for information.

Practice teaching in several subjects in cooperation with the State Department of Education and School systems, constitutes part of the student's training.

The School of Vocational Education maintains a Teacher Placement Service with which students may register and from which employers may receive assistance. Both students and employers of teachers are invited to use this service.

VOCATIONAL AGRICULTURAL EDUCATION

The proportion of graduates of this curriculum who enter the teaching of vocational agriculture in the public schools ap-

proaches one hundred per cent; a few, however, enter general and specialized farming and other agricultural occupations. After a few years of teaching experience, a number of graduates advance in the teaching profession or enter related agricultural work such as agricultural extension service, farm credit and rehabilitation work, and special government agencies.

VOCATIONAL AGRICULTURAL EDUCATION

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Agron 101 Farm Crops	3	(3,0)	A H 101 Types and Breeds	3	(2,3)
Chem 101 General Chemistry	4	(3,3)	Bot 101 General Botany	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Chem 102 General Chemistry	4	(3,3)
Math 101 College Algebra	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
V A E 101 Ag. Ed. Orient.	1	(1,0)	Math 102 Trigonometry	3	(3,0)
Zool 101 General Zoology	4	(3,3)	M S 102 Military Drill	1	(0,3)
M S 101 Military Drill	1	(0,3)			
	19			18	

Sophomore Year

Chem 231 Organic Chemistry	4	(3,3)	Ag Ec 201 Agric. Economics	3	(3,0)
Dairy 201 Dairying	3	(2,3)	Ag En 201 Farm Machinery	3	(2,3)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Agron 202 Soils	3	(2,3)
Gov 101 Am. Nat'l. Gov't.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Phys 201 General Physics	3	(3,0)	Hort 201 Gen. Horticulture	3	(2,3)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 202 General Physics	3	(3,0)
V A E 201 Intro. to Ag. Ed.	1	(1,0)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)	M S 202 Military Drill	1	(0,3)
	18			19	

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)	Ag En 205 Farm Mechanics	3	(2,3)
Ag En 301 Soil Conservation	3	(2,3)	A H 301 Feeds and Feeding	3	(3,0)
Agron 301 Fertilizers	3	(3,0)	Agron 302 Genetics	3	(2,3)
P H 301 Farm Poultry	4	(3,3)	Bact 301 Gen. Bacteriology	4	(3,3)
V A E 301 Prin. of Ag. Ed.	3	(3,0)	V A E 302 Educ. Psychology	3	(3,0)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
	17			17	
Suggested Electives:			Suggested Electives:		
A H 310 Pork Production	3	(2,3)	Ag Ec 460 Agric. Finance	3	(3,0)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	Bot 304 Farm Forestry	3	(2,3)
Hort 305 Plant Propagation	3	(2,3)	Hort 306 Landscape Design	3	(2,3)

Senior Year

Arch 409 Art Appreciation	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
Bot 401 Plant Pathology	3	(2,3)	Hort 464 Food Preservation	3	(2,3)
Engl 301 Public Speaking	3	(3,0)	Mus 402 Music Appreciation	3	(3,0)
V A E 401 Meth. in Ag. Ed.	3	(3,0)	V A E 402 Meth. in Ag. Ed.	2	(2,0)
V A E 403 Directed Teaching	3	(0,9)	V A E 404 Directed Teaching	3	(0,9)
	15			15	
Suggested Electives:			Suggested Electives:		
Ag Ec 309 Marketing	3	(2,3)	Ent 406 Beekeeping	3	(2,3)
Dairy 309 Nutrition	3	(3,0)	Hort 452 Commrcl. Pomology	3	(2,3)
Hort 456 Truck Crops	3	(2,3)	V S 402 Animal Diseases	3	(2,3)
V S 401 Anat. & Physiology	3	(2,3)			

EDUCATION

While the purpose of this curriculum is to prepare teachers of general high school subjects, emphasis is placed upon the training of teachers in the various fields of science. The offerings of the other departments of the college make possible a wide selection of subject-matter courses in biology, chemistry, geology, mathematics, English, history, and physics. The majority of graduates enter the teaching profession, although some engage in related work such as athletic coaching.

EDUCATION

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Bot 101 General Botany	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Chem 101 General Chemistry	4	(3,3)	Engl 102 Comp. and Lit.	3	(3,0)
Engl 101 Comp. and Lit.	3	(3,0)	Math 104 Freshman Math.	5	(5,0)
Math 103 Freshman Math.	5	(5,0)	Zool 101 General Zoology	4	(3,3)
M S 101 Military Drill	1	(0,3)	M S 102 Military Drill	1	(0,3)
	17			17	

Sophomore Year

Chem 211 Qual. Analysis	3	(2,3)	Chem 212 Quan. Analysis	3	(2,3)
Econ 201 Prin. of Economics	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Engl 201 Lit. & Adv. Comp.	2	(2,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	1	(0,3)	M S 202 Military Drill	1	(0,3)
	19			19	

Junior Year

Engl 301 Public Speaking	3	(3,0)	Bact 301 Gen. Bacteriology	4	(3,3)
Geol 203 General Geology	3	(3,0)	Geol 204 General Geology	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)	Hist 304 Hist. of Civ.	3	(3,0)
V A E 302 Educ. Psychology	3	(3,0)	V Ed 316 Hist. & Phil. Ed.	2	(2,0)
V Ed 305 Prin. of Sec. Ed.	3	(3,0)	M S 302 Military Drill	1	(0,3)
M S 301 Military Drill	1	(0,3)	Approved Elective	4	
Approved Elective	2				
	18			17	

Senior Year

Ag Ec 401 Statistics	3	(2,3)	Agron 302 Genetics	3	(2,3)
Arch 409 Art Appreciation	3	(3,0)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Soc 301 Elm. Sociology	3	(3,0)	Mus 402 Music Appreciation	3	(3,0)
V Ed 411 Directed Teaching	3	(0,9)	V Ed 404 Tech. of Teaching	3	(3,0)
V Ed 415 Administration	2	(2,0)	V Ed 412 Directed Teaching	3	(0,9)
Approved Elective	2				
	16			15	

INDUSTRIAL EDUCATION

The curriculum in Industrial Education is designed to prepare students to teach industrial subjects, industrial arts, draw-

ing, manual training, and metal work in the high schools and to supervise the teaching of evening trade classes. Graduates become affiliated with high school industrial education departments as teachers, supervisors, and diversified-occupations specialists. Students who plan to teach in industrial communities may choose such electives in textiles, engineering, chemistry or agriculture as they have the background, prerequisites and interests. A few graduates secure employment in industry in special training programs.

INDUSTRIAL EDUCATION

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
In En 101 Metal Processes	2	(0,6)	Math 104 Freshman Math.	5	(5,0)
Math 103 Freshman Math.	5	(5,0)	T M 101 Intro. to Textiles	3	(2,3)
V Ed 101 Voc. Ed. Orient.	1	(1,0)	M S 102 Military Drill	1	(0,3)
M S 101 Military Drill	1	(0,3)			
	18			18	

Sophomore Year

Engl 201 Lit. & Adv. Comp.	2	(2,0)	Bot 101 General Botany	4	(3,3)
In En 201 Metal Processes	2	(0,6)	Econ 201 Prin. of Economics	3	(3,0)
In En 205 Constr. Materials	2	(2,0)	Engl 202 Lit. & Adv. Comp.	2	(2,0)
Phys 201 General Physics	3	(3,0)	In En 202 Wood Processes	2	(0,6)
Phys 203 Gen. Phys. Lab.	1	(0,3)	In En 302 Welding	2	(1,3)
Zool 101 General Zoology	4	(3,3)	Phys 202 General Physics	3	(3,0)
M S 201 Military Drill	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
Approved Elective	2		M S 202 Military Drill	1	(0,3)
	17			18	

Junior Year

Engl 301 Public Speaking	3	(3,0)	Bact 301 Gen. Bacteriology	4	(3,3)
Hist 303 Hist. of Civ.	3	(3,0)	Hist 304 Hist. of Civ.	3	(3,0)
V Ed 301 Obs. of Teaching	1	(0,3)	Soc 301 Elem. Sociology	3	(3,0)
V Ed 303 Industrial Arts	2	(1,3)	V Ed 302 Org. of Courses	3	(3,0)
V Ed 305 Prin. of Sec. Ed.	3	(3,0)	V Ed 304 Industrial Arts	2	(1,3)
V Ed 307 Industrial Lab.	2	(0,6)	V Ed 308 Industrial Lab.	2	(0,6)
M S 301 Military Drill	1	(0,3)	M S 302 Military Drill	1	(0,3)
Approved Elective	2				
	17			18	

Senior Year

Arch 315 Bldg. Construction	2	(2,0)	Arch 316 Bldg. Construction	2	(2,0)
Arch 317 Working Drawings	1	(0,3)	Arch 318 Working Drawings	1	(0,3)
Arch 409 Art Appreciation	3	(3,0)	Arch 408 Industrial Design	1	(0,3)
E E 303 Elec. Circuits & Machines	4	(3,3)	E E 304 Voc. Electricity	2	(1,3)
V A E 302 Educ. Psychology	3	(3,0)	Mus 402 Music Appreciation	3	(3,0)
V Ed 401 Coor. & Methods	2	(2,0)	V Ed 402 Directed Teaching	5	(2,9)
			V Ed 404 Tech. of Teaching	3	(3,0)
	15			17	

DESCRIPTION OF COURSES

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

Mr. Aull
Mr. Ferrier Mr. Husmann Mr. Stepp
Mr. Peterson

Ag Ec 201—Introduction to Agricultural Economics—3 cr. (3 and 0)

A study of the economics of agricultural production and marketing and of the economic principles that are important in analyzing economic phenomena having direct or indirect effects upon the incomes and living standards of farm people.

Agricultural Economics Staff

Ag Ec 301—Rural Sociology—3 cr. (3 and 0)

A study of human relations as modified by life in the country, including a consideration of the farm family, its housing, health, schooling, recreational opportunities, relation to land, and other related topics.

Ag Ec 302—Farm Management—4 cr. (3 and 3)

A study of business principles underlying the organization and operation of individual farms. Such factors as proper balance between enterprises and use of sound agronomic principles are considered from the viewpoint of continuous profits. *Prerequisite*: Ag Ec 201

Mr. Husmann

Ag Ec 305—Farm Accounting—2 cr. (1 and 3)

Double-entry bookkeeping is stressed in the foundation of this course. Study is then made of special journals, simplifications for farm record keeping, farm inventories, farm budgets, interpretation of financial statements and the factor method of farm business analysis.

Mr. Ferrier

Ag Ec 309—Marketing—3 cr. (2 and 3)

Examination is made of the characteristics of demand for and supply of farm products and the marketing system which brings them together,

the changes which are taking place in marketing, and ways and means of narrowing the spread between farm and retail prices. *Prerequisite*: Ag Ec 301 or Econ 201 or Econ 202

Mr. Ferrier

Ag Ec 352—Public Finance—3 cr. (3 and 0)

A study of the principles of financing government, sources of public revenue, objects of public expenditure, problems of fiscal administration, and the application of fiscal policies in stabilizing the national economy.

Mr. Aull

Ag Ec 356—Agricultural-Industrial Relations—3 cr. (3 and 0)

A study of the ways in which and the degrees to which agriculture and industry are dependent upon each other for sound economic prosperity and development, and of the effects upon agriculture of various types of activities in other segments of the national and international economy.

Mr. Stepp

Ag Ec 401—Statistics—3 cr. (2 and 3)

An elementary course dealing with organization and presentation of statistical data, measures of central tendency, sampling, and the usual statistical tests of significance and reliability.

Mr. Peterson

Ag Ec 405—Seminar—1 cr. (1 and 0)

An examination of the relation of economics and sociology to specific problems. *Prerequisite*: Senior standing and major in Agricultural Economics.

Mr. Aull and Staff

Ag Ec 406—Seminar—1 cr. (1 and 0)

A continuation of 405.

Mr. Aull and Staff

Ag Ec 451—Economics of Cooperation—3 cr. (3 and 0)

A study of the principles governing cooperative business enterprise and methods of applying these principles to purchasing, selling, processing,

and financing in agriculture. Major emphasis is placed upon the possibilities and limitations of cooperation in increasing the incomes of farmers or rendering them better services for their money. *Prerequisite*: Ag Ec 201 or Econ 201 and Econ 202

Mr. Ferrier

Ag Ec 452—Agricultural Policy—3 cr. (3 and 0)

A critical examination of government policies and programs affecting agriculture.

Mr. Aull

Ag Ec 455—International Trade—3 cr. (3 and 0)

A study of the principles governing interregional and international trade. Special emphasis is devoted to cotton, wheat, tobacco, fats and oils, meat, coffee, sugar, and forest products.

Mr. Aull and Staff

Ag Ec 456—Prices—3 cr. (3 and 0)

A study of the factors affecting prices of farm products and the adjustments necessary to meet price changes, including such topics as prices of farm products in relation to agricultural and industrial conditions, measures of value, parity price concept, and price movements. *Prerequisite*: Ag Ec 201 or Econ 201 and 202, and permission of instructor.

Mr. Peterson

Ag Ec 459—Rural Community Organization—3 cr. (3 and 0)

A study of the structure of rural society—what makes it function smoothly; what prevents it from performing in the manner which might be desired.

Ag Ec 460—Agricultural Finance—3 cr. (3 and 0)

A critical study of the financial needs of agriculture and of the organization, functions and interrelationships of agencies developed to meet these needs. *Prerequisite*: Ag Ec 201 or Econ 201 and Econ 202.

Mr. Ferrier

Ag Ec 501—Advanced Farm Management—3 cr. (2 and 3)

Study and appraisal of methods of assembling and analyzing information concerning the business of farming. *Prerequisite*: Ag Ec 302 and Ag Ec 401.

Mr. Husmann

Ag Ec 502—Advanced Statistics—3 cr. (2 and 3)

A study of methods used in collecting, analyzing and presenting statistical data, with special emphasis upon economic and sociological problems. *Prerequisite*: Ag Ec 401 or permission of instructor.

Mr. Peterson

Ag Ec 503—Land Economics—3 cr. (3 and 0)

A study of characteristics of land and its relation to population, utilization and public policies.

Mr. Husmann

Ag Ec 504—Farmers' Movements—3 cr. (3 and 0)

An examination of the efforts of farmers to organize for the improvement of agriculture and other rural concerns. Beginning with the first local agricultural society, the development of this movement is followed through the period of the Civil War. After 1865, the Grange, Farmers' Alliance, etc., are studied in their chronological order.

Ag Ec 505—Economic Theory—3 cr. (3 and 0)

A review of economic principles, a study of the use of theory in the analysis of economic problems, and an appraisal of recent developments in capitalistic economic theory.

Mr. Stepp

Ag Ec 506—Research Methodology—1 cr. (1 and 0)

A critical examination and appraisal of methods and procedures used in economic and social investigations.

Mr. Aull

Ag Ec 507—Agricultural Marketing Problems—3 cr. (3 and 0)

A study of special problems involved in marketing southern fruits,

vegetables, livestock and livestock products. Students will undertake individual assignments in the field of their interest.

Mr. Ferrier

AGRICULTURAL ENGINEERING

Mr. Nutt
Mr. Richardson Mr. McAdams Mr. Law

Ag En 201—Farm Machinery—3 cr. (2 and 3)

Construction, adjustment, operation, maintenance and adaptation of farm machinery. Special emphasis is given to production, harvesting and processing problems common to the Southeast.

Mr. Richardson

Ag En 203—Agricultural Engineering Problems—3 cr. (2 and 3)

A course in which the student acquires certain skills in the use of all types of tools and equipment necessary for the care and maintenance of farm machines and farm structures.

Ag En 205—Farm Mechanics—3 cr. (2 and 3)

To train students in the proper use and maintenance of hand shop tools commonly found on the farm. Principal topics: Measuring and marking, sawing, planing and smoothing, wood chisels and their use, boring and drilling holes, wood fastenings, painting, finishing, glazing, cutting rafters, sharpening tools, bench and vise work, bolt threading, pipe fitting, soldering and farm concrete work.

Mr. McAdams

Ag En 301—Soil Conservation—3 cr. (2 and 3)

Causes, extent and control of erosion; uses of irrigation, layout, construction and maintenance of terrace systems; drainage, elementary surveying. A course for agricultural and vocational students.

Mr. Law

Ag En 304—Rural Electrification—3 cr. (2 and 3)

Distribution and utilization of electrical power on farms and rural areas. Special emphasis is given to adequate wiring and adaptation of electrical appliances to the farm home and in the production and primary processing of farm commodities. *Prerequisite*: E E 303.

Mr. Richardson

Ag En 351—Farm Tractors—3 cr. (2 and 3)

History of the internal combustion engine, principles of operation, power and its measurements, valves, carburetion and fuel injection, ignition systems, engine cooling, clutches, transmissions, brakes, final drives, engine troubles and general repair. Tractor servicing and efficient operation in the field.

Mr. McAdams

Ag En 401—Soil and Water Conservation Engineering—3 cr. (2 and 3)

The causes, extent, and control of erosion. Embodies study of elementary meteorology and hydrology, critical runoffs, design and construction of water-control structures such as terraces, outlet channels, diversions, reservoirs, spillways, drainage systems. Recommended *prerequisite*: C E 101, Agron 202, and M E 401.

Mr. Law

Ag En 402—Drainage and Irrigation—3 cr. (2 and 3)

Survey of areas for drainage rainfall and runoff, drainage requirements, design and construction of open ditch and tile systems. Gravity and sprinkler irrigation systems studied as well as water requirements and the use of pumps. *Prerequisite*: C. E. 101 and M E 401

Mr. Law

Ag En 406—Advanced Farm Machinery—3 cr. (2 and 3)

This course is designed for seniors majoring in agricultural engineering. Design, development, manufacturing, advertising and sales of farm machinery are considered. *Prerequisite*: Ag En 201 and 351

Mr. Nutt

Ag En 409—Agricultural Engineering Seminar—1 cr. (1 and 0)

This course is provided to acquaint the student with research technique in the agricultural engineering field. *Prerequisite*: Senior standing in Agricultural Engineering.

Agricultural Engineering Staff

Ag En 410—Agricultural Engineering Seminar—1 cr. (1 and 0)

Continuation of Ag En 409.

Agricultural Engineering Staff

Ag En 451—Farm Structures—3 cr. (2 and 3)

This course is planned to develop within the student an appreciation and understanding of the problems involved in determining the functional requirements of farm structures for livestock, crop storage and processing, as well as the analysis and determination of structural requirements for various types of buildings. The use and workability of materials available for construction of farm buildings are also included. *Prerequisite*: M E 302 and 304.

Mr. Richardson

Ag En 452—Advanced Farm Structures—3 cr. (2 and 3)

Continuation of Ag En 451 with emphasis on farmstead arrangement and layout, design and evaluation of farm structure requirements, bills of materials and specifications. *Prerequisite*: Ag En 451

Mr. Richardson

AGRONOMY

Mr. Cooper

Mr. Collings Mr. J. W. Jones Mr. Shelley

Mr. C. M. Jones

Agron 101—Farm Crops—3 cr. (3 and 0)

A fundamental course in general field crops including the study of the origin, botanical characteristics, varieties, breeding, soil adaptation, fertilizer requirements, and cultural methods employed in the production of the most important field crops of South Carolina and the United States.

Mr. C. M. Jones

Agron 202—Soils—3 cr. (2 and 3)

A study of the basic principles of soil physics, soil fertility, and soil biology as they apply to the production of crops. The course deals with the soil as a reservoir for water, a medium for root development, a source of nutrients, and a home for organisms. *Prerequisite*: Chem 101 and 102.

Mr. Collings Mr. J. W. Jones Mr. C. M. Jones

AGRON 301—FERTILIZERS AND MANURES—3 cr. (3 and 0)

A study of the sources, mining and manufacturing, composition, physical characteristics, and use of fertilizers and manures. A detailed study is also made of crop responses to fertilizer use. *Prerequisite*: Agron 202

MR. COLLINGS

AGRON 302—GENETICS—3 cr. (2 and 3)

The purpose of this course is to instruct students in the basic principles of genetics. The principal topics studied include heredity and variation, laws of inheritance, physical basis of inheritance, origin of hereditary differences, and the inheritance of quantitative characters.

MR. J. W. JONES

AGRON 306—FORAGE CROPS—3 cr. (3 and 0)

A course dealing with the characteristics of the various forage crops, with emphasis being laid on those grown in this state. These crops are studied with special reference to their adaptations, growing, harvesting, composition, value and uses, and also with reference to their place in our cropping system. *Prerequisite*: Agron 101

MR. SHELLEY

AGRON 401—ADVANCED CROP LABORATORY—1 cr. (0 and 3)

A study of the laboratory procedures used in field crop laboratories, followed by a detailed study of the morphological characters, classification, and yielding capacities of important varieties of various farm crops. In addition, attention is given to the study of seed laws, market grades of grains, seed germination and purity tests, and weed identification.

MR. SHELLEY

AGRON 405—PLANT BREEDING—3 cr. (2 and 3)

The purpose of this course is to present the application of the basic principles of genetics to the improvement of crop plants. Principal topics studied include the genetic and cytogenetic bases of plant breeding, mode of reproduction in relation to breeding methods, technics in selfing and crossing, methods of breeding, inheritance in the major farm crops, and biometrical methods. *Prerequisite*: Agron 302

MR. J. W. JONES

AGRON 409—COTTON AND TOBACCO—3 cr. (3 and 0)

A study of the history, morphology, physiology, fertilization, cultivation, insect and disease control, varieties, breeding, harvesting, grading and marketing of American Upland cotton and flue cured tobacco. The two crops are studied separately, about half a semester being devoted to each. *Prerequisite*: Agron 101

MR. SHELLEY

AGRON 451—MINERAL NUTRITION OF PLANTS—2 cr. (2 and 0)

In this course attention is given to the nutrition of crop plants and the nutrient requirements of various soils for different crops.

MR. COOPER

AGRON 452—SOIL CLASSIFICATION, FERTILITY, AND MANAGEMENT—2 cr. (2 and 0)

An advanced study of soil composition, soil classification, and soil management practices. Attention is given to the subject of physical and chemical composition of the soil, influence of crop rotations and fertilizers on soil productivity, influence of various methods of tillage on crop yields, and a general study is made of those factors essential for the practical utilization of soils. *Prerequisite*: Agron 202, Agron 301, and Major in Agronomy

MR. COLLINGS

AGRON 454—ADVANCED SOIL LABORATORY—1 cr. (0 and 3)

A laboratory course designed to teach students laboratory technique and to make students proficient in making simple physical and chemical determinations of soils. *Prerequisite*: Agron 202

MR. COLLINGS

AGRON 455—SEMINAR—1 cr. (1 and 0)

A study of current agronomic topics of special interest in crop production appearing in recent scientific journals and other publications.

MR. COOPER AND STAFF

AGRON 456—SEMINAR—1 cr. (1 and 0)

A study of the latest published and available unpublished information concerning recent developments in the field of soil science. Topics for

discussion are taken from latest published bulletins, reports, and professional magazines.

Mr. Collings

Agron 457—Introduction to Research and Thesis—1 cr. (0 and 3)

The purpose of this course is to instruct students in the methods employed in attacking and solving an agronomic research problem. A suitable research problem is assigned each student for solution. The results of this study are presented in thesis form.

Mr. Collings

Agron 458—Introduction to Research and Thesis—1 cr. (0 and 3)

Continuation of Agron 457.

Mr. Collings

Agron 501—Advanced Nutrition of Crops—3 cr. (3 and 0)

A graduate course dealing with the relationships existing between the physical and chemical properties of the various nutrient elements and their absorption and utilization by plants.

Mr. Cooper

Agron 502—Advanced Pedology and Soil Classification—3 cr. (3 and 0)

A graduate course dealing largely with the factors of soil formation and soil classification. A thorough study is made of such factors of soil formation as parent material, topography, climate, and organisms. Particular attention is given to the classification of Southeastern soils.

Mr. Collings

Agron 503—Advanced Crop Production—3 cr. (3 and 0)

A graduate course dealing with specific problems commonly encountered in the production of crops in the Southeast. Major attention is given to the problems met with in the production of cotton, bright tobacco, corn and oats.

Agron 504—Advanced Plant Breeding and Genetics—3 cr. (3 and 0)

A graduate course designed to acquaint the student with the best methods now employed in the production and development of superior

strains of plants. Visits will be made to neighboring plant breeding establishments and their methods will be observed.

Mr. J. W. Jones

ANIMAL HUSBANDRY

Mr. Starkey
Mr. Ritchie Mr. Hauser Mr. Godley

A H 101—Types and Breeds—3 cr. (2 and 3)

A study of types, breeds, and market classes of beef cattle, horses, sheep, and swine. In laboratory the judging of farm animals is given considerable emphasis.

Mr. Ritchie

A H 301—Feeds and Feeding—3 cr. (3 and 0)

A study of feed nutrients, digestion, metabolism of feed stuffs, nutritive ratios, feeding standards, and the balancing of rations. *Prerequisite*: A H 101 and Chem 231

Mr. Godley

A H 303—Feeds and Feeding Laboratory—1 cr. (0 and 3)

Practical work in mixing and balancing rations and identifying feed stuffs. *Prerequisite*: A H 101 and Chem 231

Mr. Godley

A H 306—Judging—1 cr. (0 and 3)

Judging classes of cattle, horses, sheep, and swine. An advanced course in the selection and judging of breeding and fat animals. *Prerequisite*: A H 101

Mr. Hauser

A H 310—Pork Production—3 cr. (2 and 3)

Feeding, breeding, management, and marketing of hogs. Emphasis is placed on winter and summer forages, protein supplements, mineral mixtures, and sanitation. *Prerequisite*: A H 301

Mr. Starkey

A H 312—Breeds of Livestock—2 cr. (2 and 0)

A study of the origin, characteristics, and adaptability of the different breeds of livestock: beef cattle, swine, sheep and horses. *Prerequisite*: A H 101

Mr. Godley

A H 401—Beef Production—3 cr. (2 and 3)

A study of the early history of beef production, beef production in foreign countries, relation of beef production to general farming, most profitable feeds for beef production, methods of breeding to improve beef cattle, and management of the purebred herd. *Prerequisite*: A H 301

Mr. Starkey

A H 402—Horse and Sheep Production—4 cr. (3 and 3)

A study of the breeding, feeding, training, stabling, and care of horses. Also a study of the breeding, feeding, shearing, and marketing of sheep. The adaptability of breeds. Parasites and diseases. *Prerequisite*: A H 301

Mr. Hauser

A H 405—Advanced Judging—1 cr. (0 and 3)

A continuation of A H 306 designed for students who are interested in participating in judging contests or in receiving special training in the selection of breeding stock. *Prerequisite*: A H 306

Mr. Hauser

A H 406—Seminar—2 cr. (2 and 0)

Special problems in animal production. Each student is given a subject on which he makes weekly reports of progress before the seminar group. A thesis is required. *Prerequisite*: A H 301

Mr. Starkey

A H 451—Advanced Feeds—2 cr. (2 and 0)

A study of the relative values of the different feeds used in livestock production. The nutrient requirements of the different classes of livestock, and the digestible nutrients in our most common feeds. The balancing of rations for all classes of livestock. *Prerequisite*: A H 301

Mr. Starkey

A H 452—Animal Breeding—3 cr. (2 and 3)

A study of the fundamental principles relating to the breeding and improvement of livestock including variation, heredity, selection, line-breeding, inbreeding, cross-breeding, breed analysis, and other related subjects. *Prerequisite*: Dairy 301 or Agron 302

Mr. Hauser

A H 455—Farm Meats—2 cr. (0 and 6)

A study of the selection and killing of meat animals and the cutting, curing, and preservation of farm meats. Also the production, judging, and consumption of farm meats. *Prerequisite*: A H 101

A H 456—Advanced Meats—2 cr. (1 and 3)

A study of the retail and wholesale cuts of meat; the making of sausage and meat specialities; and meat hygiene. *Prerequisite*: A H 455

Mr. Ritchie

ARCHITECTURE

Mr. Lee

Mr. Anderson	Mr. St. Hubert	Mr. Wiss
Mr. Hodge	Mr. Carter	Mr. Tupper
	Mrs. Fernow	

Arch 101—Graphics—3 cr. (0 and 9)

This course embraces the elements of Architecture, in which an effort is made to give the beginner an accurate picture of his chosen profession and basic training in drafting and design. Exercises in proper drafting methods, lettering, brief study of the orders, elementary study of building plans and details, descriptive geometry, shades, shadows and perspective, and training in presentation of work are included. The student is given an opportunity to develop correct form and proportion by application of conventional shades, shadows and principles of perspective by drafting board practice in casting of shades and shadows on architectural forms and problems in architectural perspective.

Mr. Wiss Mr. Hodge Mr. Carter Mr. Tupper

ARCH 102—ARCHITECTURAL DESIGN—2 cr. (0 and 6)

This course is a continuation of Arch 101 planned to begin the development of a sound approach to creative design. In it students study and learn to integrate the elements of simple buildings and to present their solutions clearly and effectively by architectural renderings. *Prerequisite*: Arch 101

MR. WISS MR. HODGE MR. CARTER MR. TUPPER

ARCH 103—FREEHAND DRAWING—1 cr. (0 and 3)

To give the students a thorough working knowledge of the principles of angular and parallel perspective, the perspective of circles and shading. Course includes study of mass, form, proportions and value with the mediums of pencil and charcoal. A sketching technique is stressed.

MR. HODGE MRS. FERNOW

ARCH 104—FREEHAND DRAWING—2 cr. (0 and 6)

Continuation of first semester's work, drawings from cast ornament in full value and study of solids as related to architectural forms. *Prerequisite*: Arch 103

MR. HODGE MRS. FERNOW

ARCH 201—ARCHITECTURAL DESIGN—4 cr. (0 and 12)

To introduce the student by means of analytical problems to the basic principles of design inherent in the smaller elements of architecture. Principal topics studied include proportions, relative values of three dimensional mass; relation of lesser elements and decorative details to the larger forms, in respect to mass and pattern; design of windows, doors, porticoes, arches; columns, together with analysis of detail of mouldings, carried out in rendered problems of from two to five weeks duration. Rendering: building out of masses, focus of attention. *Prerequisite*: Arch 102 and 104

MR. CARTER MR. TUPPER

ARCH 202—ARCHITECTURAL DESIGN—4 cr. (0 and 12)

Design of simple building to develop in simplest terms the basic elements of circulation, functional relationship of rooms and spaces and services, interior and exterior appearance. Emphasis is placed on draftmanship, development of vocabulary of form and of pencil indication through daily sketches. *Prerequisite*: Arch 201

MR. ANDERSON

ARCH 205—ANTIQUE AND COLOR—1 cr. (0 and 3)

To give a thorough drill in the drawing of simple casts of architectural fragments, parts of the figure, and still life groups. Course includes work in elements of decorative composition, still life groups in monochrome and color, outdoor sketching, sketching in water-color, pastel, and charcoal. *Prerequisite*: Arch 104

MR. ST. HUBERT

ARCH 206—ANTIQUE AND COLOR—1 cr. (0 and 3)

Continuation of Arch 205. *Prerequisite*: Arch 205

MR. ST. HUBERT

ARCH 209—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

To acquaint the student with the development of architecture, from prehistoric to Romanesque time, as a problem both of construction and aesthetics. Influence of various geographic, geological, social, and psychological factors; structural problems and their solution, post and lintel, arch, vault, pendentive, dome; planning problems and their solution; temples, churches, public buildings; decorative problems and their solution, as revealed in the buildings of the Egyptian, Greek, Roman, Early Christian and Byzantine periods, are topics covered.

MR. ST. HUBERT

ARCH 210—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

A continuation of Arch 209. A study of the Romanesque period, its spread as a system of building through Western Europe, and its crystallization in Gothic Architecture; the revival of classic form in Italy during the Renaissance; the spread of the Renaissance into France and England. *Prerequisite*: Arch 209

MR. ST. HUBERT

ARCH 301—ARCHITECTURAL DESIGN—6 cr. (0 and 18)

To acquaint the students with problems involving planning, elevation and mass composition in Architecture. Work includes the planning of public buildings, with emphasis on function, studies in entourage, elements of landscape architecture with relation to plan and elevation, interior architecture, indication and presentation sketch problems. *Prerequisite*: Arch 202

MR. WISS

ARCH 302—ARCHITECTURAL DESIGN—6 cr. (0 and 18)

Continuation of Arch 301. Logical application of materials to the solution of the problem is stressed. The student constructs a cardboard model as part of the course. *Prerequisite*: Arch 301

MR. WISS

ARCH 305—SKETCHING—1 cr. (0 and 3)

An advanced course in the representation of antique sculpture to show the elements of anatomy and its relation to form. Principal topics covered include drawing from casts with a choice of mediums such as charcoal, conte, pastel, etc.; outdoor sketching in pencil and water-colors. *Prerequisite*: Arch 206

MR. ST. HUBERT

ARCH 306—SKETCHING—1 cr. (0 and 3)

Continuation of Arch 305, outdoor sketching of architectural forms in pencil and water colors. *Prerequisite*: Arch 305.

MR. HODGE

ARCH 309—HISTORY OF ARCHITECTURE—2 cr. (2 and 0)

To acquaint the student with the development of architecture from the Renaissance period in France and England to modern time, as a problem both of construction and aesthetic. The influence of various geological, social and psychological factors, the colonial period in North America, the nineteenth century eclecticism, the beginning and development of modern architecture are studied. *Prerequisite*: Arch 210.

MR. ST. HUBERT

ARCH 311—ARCHITECTURAL DESIGN—4 cr. (0 and 12)

A course similar to Arch 301 but not as extensive in number of solutions of problems due to limited time available. *Prerequisite*: Arch 202

MR. WISS

ARCH 312—ARCHITECTURAL DESIGN—3 cr. (0 and 9)

Continuation of Arch 311.

MR. WISS

ARCH 315—BUILDING CONSTRUCTION—2 cr. (2 and 0)

To give the student a knowledge of the materials used in the construction of frame and masonry buildings, their qualities and uses. The growth of wood, house framing, roofing, door and window details, flooring, plastering, interior and exterior finish, painting, masonry, chimney construction, hardware and problems in calculation are among the many details of building construction covered.

ARCH 316—BUILDING CONSTRUCTION—2 cr. (2 and 0)

Continuation of Arch 315.

MR. LEE

ARCH 317—WORKING DRAWINGS—1 cr. (0 and 3)

Drafting room practice. The student is required to make complete working drawings of a frame building using last problem of Arch 202.

MR. LEE

ARCH 318—WORKING DRAWINGS—1 cr. (0 and 3)

Continuation of Arch 317. Large scale details of framing, doors, windows, stairs, cornice roof and chimney. Calculations and blueprinting. *Prerequisite*: Arch 317

MR. LEE

ARCH 401—ARCHITECTURAL DESIGN—7 cr. (0 and 21)

Design of complex single buildings and multiple building units, site and group planning; analysis and development of the plan and design problem from its most elemental to its final form. *Prerequisite*: Arch 302.

MR. ANDERSON

ARCH 402—ARCHITECTURAL DESIGN—7 cr. (0 and 21)

A continuation of Arch 401 to include advanced problems in design, elements of civic planning, composition of involved types of buildings or groups of building, housing, and landscaping. *Prerequisite*: Arch 401

MR. ANDERSON

ARCH 405—LIFE DRAWING—1 cr. (0 and 3)

To acquaint the student with the proportion and anatomy of the nude and draped figure. A course designed primarily for architectural

students. Quick sketches of the nude for action and movement, longer studies of the nude and draped figure for tone values, composition, and light effects using charcoal as a medium. *Prerequisite*: Arch 306

Mr. Hodge

Arch 406—Life Drawing—1 cr. (0 and 3)

Continuation of Arch 405.

Mr. Hodge

Arch 408—Industrial Design—1 cr. (0 and 3)

To give the students the fundamentals in design of simple pieces of furniture as worked out on the drafting table. The student is given practice in making detail drawings of chairs, tables, metal work. *Prerequisite*: D D 105 and 106

Mr. Wiss

Arch 409—Art Appreciation—3 cr. (3 and 0)

To cultivate in the student an artistic taste and to direct and instruct by bringing him in contact with the best examples. Principal topics covered are periods of styles of architecture, painting, sculpture, furniture, ornament, decorative and interior composition, given by lectures and lantern slides.

Mr. Wiss

Arch 410—History of Art—3 cr. (3 and 0)

A course designed to give a fuller understanding of changing attitudes toward art and life. The arts of the past and present days are studied in relation to the social and cultural mediums out of which they grew; completed by a brief analysis of modern eccentricity in art.

Mr. St. Hubert

Arch 411—Architectural Design—5 cr. (0 and 15)

Continuation of Arch 312 in planning of public and semi-public buildings, acquainting the students with problems involving planning, elevation and mass composition in architecture. *Prerequisite*: Arch 312

Mr. Anderson

ARCH 412—ARCHITECTURAL DESIGN—4 cr. (0 and 12)

Continuation of Arch 411.

MR. ANDERSON

ARCH 415—BUILDING DESIGN—4 cr. (2 and 6)

To give the student a working knowledge of the nature, quality, and uses of materials in a masonry building. Course includes foundations, mortars, details of masonry construction, steel, concrete, fireproof construction, estimates, specifications, superintendence, calculations. To train the student to make working drawings of a masonry building of fireproof construction with specifications, including mechanical plant, as usually prepared in the practicing architect's office. Scale drawings of all floor plans and elevations, cross sections; large scale details of all parts of the construction with necessary calculations; specification writing, estimating. *Prerequisite*: Arch 316 and registration in Arch 419

MR. LEE

ARCH 416—BUILDING DESIGN—4 cr. (2 and 6)

Continuation of Arch 415. The complete documents, consisting of working drawings including heating, lighting and plumbing, and specifications; contract forms with detail drawings must be in such approved shape that they may be submitted to a contractor for a bid. *Prerequisite*: Arch 415, 419, and registration in Arch 420

MR. LEE

ARCH 417—CONSTRUCTION—5 cr. (2 and 9)

Lectures and discussions on the heavier and larger types of building construction. Drafting board problems in planning and details of foundations, walls, columns, girders, the use of reinforced concrete and steel in modern systems of construction. *Prerequisite*: Arch 316

MR. LEE

ARCH 418—CONSTRUCTION—5 cr. (2 and 9)

Continuation of Arch 417.

MR. LEE

ARCH 419—MECHANICAL PLANT—2 cr. (2 and 0)

To familiarize the student with the design and requirements of heating, lighting and sanitary systems in a building. Layout of hot air, hot water, and steam systems of heating; ventilation, electric lighting and plumbing for supply and drainage is required on drawings made in Arch 316 and 416. *Prerequisite*: Registration in Arch 415

MR. LEE

ARCH 420—PROFESSIONAL PRACTICE—1 cr. (1 and 0)

To familiarize the student with methods of practice of architecture and inculcate in him the high ethical ideals of the profession. Office management and organization, laws, codes, contracts, ethics, competitions; documents of the American Institute of Architects are studies. (For seniors in Architecture only.)

MR. LEE

ARCH 431—ARCHITECTURAL DESIGN—8 cr. (0 and 24)

A continuation of Arch 402 with more advanced work, continued research and study. The student writes his own program of the project. Scheduled criticism periods and personal presentation to the architectural faculty for judgment at the end of each semester. *Prerequisite*: Arch 402

MR. ANDERSON

ARCH 432—ARCHITECTURAL DESIGN—8 cr. (0 and 24)

Continuation of Arch 431. More advanced problems in group housing, city planning, and landscape architecture. *Prerequisite*: Arch 431

MR. ANDERSON

ARCH 435—SEMINAR—1 cr. (0 and 3)

A course offered for the purpose of training prospective architects in assembling and presenting before the faculty formal papers and discussions of architectural interest.

MR. LEE AND STAFF

ARCH 436—SEMINAR—1 cr. (0 and 3)

Continuation of Arch 435.

MR. LEE AND STAFF

ARCH 439—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

To give the students an insight into the future of the profession which lies in the field of organic town design. The architecture of tomorrow is based on the fundamental fact that architecture is a social and organic art with the aim of creating about men a culturally healthy environment.

MR. ST. HUBERT

ARCH 440—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

Continuation of Arch 439. *Prerequisite:* Arch 439

MR. ST. HUBERT

ARCH 445—BUILDING DESIGN—1 cr. (0 and 3)

Design of structural elements in the drafting room, entailing the use of reinforced concrete and steel in modern building construction. *Prerequisite:* Arch 415

MR. LEE

ARCH 446—BUILDING DESIGN—1 cr. (0 and 3)

Continuation of work in Arch 445. *Prerequisite:* Arch 445

MR. LEE

ARCH 447—CITY PLANNING—3 cr. (1 and 6)

Lectures and discussions, covering the history of town and city planning in Europe and America and a survey of the basic problems of present day planning. Problems of housing in urban and regional planning are worked on the drafting board.

MR. ANDERSON MR. WISS

ARCH 448—CITY PLANNING—3 cr. (1 and 6)

Continuation of Arch 447.

MR. ANDERSON MR. WISS

BACTERIOLOGY

Mr. Aull

Bact 301—General Bacteriology—4 cr. (3 and 3)

Morphology, classification, distribution, cultivation, observation, and physiology of microorganisms; effects of organisms on their environment; microorganisms and health. *Prerequisite*: Bot 101; Chem 101, 102

Mr. Aull

Bact 402—Dairy Bacteriology—3 cr. (2 and 3)

Bacterial counts on milk, milk fermentations, contamination of milk and cream, reducing the contamination of milk, growth of microorganisms in milk and cream, spread of diseases through milk and its derivatives; preservation of milk and cream, bacteriology of prepared milks, ice cream, butter cultures, fermented milks, butter, cheese, tests for the quality of milk and cream. *Prerequisite*: Bact. 301

Mr. Aull

Bact 406—Sanitary Bacteriology—4 cr. (3 and 3)

This course is designed primarily for Engineering students. After a consideration of the fundamentals of bacteriology, the course is designed to give a knowledge of the relation of bacteriology to water purification and sewage disposal. *Prerequisite*: Chem 101 and 102

Mr. Aull

Bact 410—Soil Microbiology—3 cr. (2 and 3)

The role of microbes in the decomposition of organic substances, transformation of nitrogen, transformation of mineral substances in soil by the action of microorganisms, interrelationships between higher plants and soil microorganisms, modification of the soil population, importance of microbes in soil fertility. *Prerequisite*: Bact 301

Mr. Aull

BOTANY

Mr. Armstrong
Mr. Rosenkrans Mr. Rutledge Mr. Whitney

Bot 101—General Botany—4 cr. (3 and 3)

The first part of the semester is devoted to a study of the form, structure, and physiology of the higher plants, followed by a study of

algae, bacteria, fungi, liverworts, mosses, and ferns, with the application of the biological laws. Descriptions, life histories and adaptation of the representative organisms are considered.

Mr. Rosenkrans Mr. Rutledge Mr. Whitney

Bot 351—Plant Morphology—4 cr. (2 and 6)

A study of the structure of vegetative and reproductive parts of plants representing most of the major groups except the fungi. Most of the time will be spent on the higher vascular plants. *Prerequisite*: Bot 101

Mr. Rutledge

Bot 352—Plant Physiology—4 cr. (3 and 3)

A study of all the relations and processes which have to do with the maintenance, growth, and reproduction of plants. Principal topics are absorption of matter and energy, water relations of the plant, utilization of reserve products and liberation of energy, growth, movement and reproduction. *Prerequisite*: Bot 101; Chem 101 and 102; Phys 201 and 203 or Physics 211 and 213

Mr. Whitney

Bot 355—Histology—2 cr. (0 and 6)

This course will give the student a knowledge of the principles of fixing, cutting, and staining plant tissues and the various other processes of microtechnique as well as their application to specific forms of plants. *Prerequisite*: Bot 101; Chem 101 and 102

Mr. Rosenkrans

Bot 356—Taxonomy—3 cr. (1 and 6)

The identification, classification, distribution, and interrelationship of flowering plants with particular emphasis on the flora of South Carolina. Laboratory work includes a study of native trees and shrubs in winter condition, the collection and identification of local plants, and the preparation of a small herbarium. *Prerequisite*: Bot 101

Bot 401—Plant Pathology—3 cr. (2 and 3)

To acquaint the students with the major plant diseases of the South, symptoms of the diseases, the nature of the causal agencies or factors, and methods of control. *Prerequisite*: Bot 101

Mr. Armstrong

Bot 402—Economic Botany—3 cr. (2 and 3)

A study of plants and plant products and their relationship to human history and contemporary life. Sources of plant products, especially those outside the scope of courses in Agronomy and Horticulture, such as woods, resins, tanning materials, rubber, textiles, cereals, sugar, oils, fruits, spices, beverages and drugs. Library research, periodic reports, and the examination of special material replace formal laboratory work. *Prerequisite*: Bot 101. Other students who present evidence of good scholarship may elect.

Bot 405—Seminar & Thesis—2 cr. (1 and 3)

Mr. Armstrong

Bot 406—Seminar & Thesis—2 cr. (1 and 3)

Mr. Armstrong

Bot 451—Morphology of the Fungi—3 (2 and 3)

A course to acquaint the student with the morphology and taxonomy of the fungi through lectures, reports, laboratory work, and field trips. Special attention is devoted to practice in the methods of pure culture as they apply to the different saprophytic and parasitic forms. *Prerequisite*: Bot 101; Bot 401

Bot 452—Ecology—4 cr. (2 and 6)

A study of the fundamental principles of the relations between plants and environmental conditions. Special attention is given to ecological relationships and problems in this region. *Prerequisite*: Bot 101

Mr. Rutledge

CHEMICAL ENGINEERING

Ch En 301—Principles of Chemical Engineering—3 cr. (3 and 0)

A study of the chemical engineering unit operations, including flow of fluids, flow of heat, and evaporation. Special attention is given to the solution of problems. *Prerequisite*: Junior standing in Chemical Engineering

Ch En 302—Principles of Chemical Engineering—3 cr. (3 and 0)

A study of the chemical engineering unit operations, including drying, humidification, size reduction, size separation, conveying, mixing, and gas

absorption. Special attention is given to the solution of problems. *Prerequisite*: Ch En 301

Ch En 305—Unit Operations—1 cr. (0 and 3)

A laboratory course dealing with subjects covered in Ch En 301. *Prerequisite*: Junior standing.

Ch En 306—Unit Operations—1 cr. (0 and 3)

A laboratory course dealing with subjects covered in Ch En 302.

Ch En 310—Technical Analysis—3 cr. (1 and 6)

Ch En 401—Principles of Chemical Engineering—3 cr. (3 and 0)

A study of the chemical engineering unit operations, including distillation, and solvent extraction. Special attention is given to the solution of problems. *Prerequisite*: Ch En 302

Ch En 402—Development Laboratory—2 cr. (0 and 6)

A laboratory course in the development of chemical machinery. Each student constructs a piece of equipment of his own design. *Prerequisite*: Senior standing in Chemical Engineering

Ch En 403—Chemical Industries—3 cr. (3 and 0)

A study of several chemical industries with emphasis on unit operations and the relationship between different industries. *Prerequisite*: Ch En 302

Ch En 404—Chemical Industries—3 cr. (3 and 0)

A continuation of Ch En 403. *Prerequisite*: Ch En 403

Ch En 405—Unit Operations—2 cr. (0 and 6)

A laboratory course dealing with subjects covered in Ch En 401. *Prerequisite*: Ch En 302 and 306

Ch En 406—Industrial Chemistry Calculations—2 cr. (2 and 0)

A course in the solution of stoichimetric problems on the plant size scale. *Prerequisite*: Ch En 401

CH EN 409—PLANT DESIGN—2 cr. (1 and 3)

A detailed study of the design of a chemical plant involving such factors as location, layout of equipment, process to be employed, and costs. *Prerequisite*: Ch En 302

CH EN 410—PLANT DESIGN—2 cr. (1 and 3)

A continuation of Ch En 409. *Prerequisite*: Ch En 409

CH EN 412—CHEMICAL PROJECTS—3 cr. (0 and 9)

The solution of a problem in chemical engineering chosen by the student. A written report is required in which special emphasis is placed on method of attack, discussion of results, and conclusion. *Prerequisite*: Senior standing in Chemical Engineering

CH EN 415—CH EN SEMINAR—0 cr. (1 and 0)

A discussion period for the exchange of ideas between students and instructors. Current problems in the chemical industry are discussed. *Prerequisite*: Senior standing in Chemical Engineering

CH EN 416—CH EN SEMINAR—0 cr. (1 and 0)

A continuation of Ch En 415. *Prerequisite*: Senior standing in Chemical Engineering

CHEMISTRY

MR. CALHOUN

MR. CARODEMOS	MR. BROWNLEY	MR. SCHIRMER
MR. HUNTER	*MR. HOBSON	MR. DUKES
MR. MITCHELL	MR. HODGES	MR. PETERSON
MR. POLLARD	MR. MAULDIN	MR. RITCHIE
MR. POLK	MR. PAGE	MR. SHARPE

CHEM 101—GENERAL CHEMISTRY—4 cr. (3 and 3)

To give the student a general knowledge of the fundamentals of the science of chemistry, through lectures, lecture experiments, and laboratory exercises. Consideration will be given to the common substances.

MR. HUNTER AND STAFF

* On leave.

CHEM 102—GENERAL CHEMISTRY—4 cr. (3 and 3)

A continuation of Chem 101.

MR. HUNTER AND STAFF

CHEM 211—QUALITATIVE ANALYSIS—3 cr. (1 and 6)

A course in Qualitative Analysis, designed especially for pre-medical students, which is essentially the same as Chem 215 except that the theoretical principles are developed in less detail. Greater emphasis is placed on those principles more likely to be encountered in medical work. *Prerequisite*: Chem 101 and 102

MR. SCHIRMER

CHEM 212—QUANTITATIVE ANALYSIS—3 cr. (1 and 6)

A course in Quantitative Analysis designed especially for pre-medical students, which is essentially the same as Chem 216 except that the theoretical principles are developed in less detail. Greater emphasis, both in theory and laboratory work, is placed on those analyses which are more applicable to medical work. *Prerequisite*: Chem 211 or 215

MR. SCHIRMER

CHEM 215—QUALITATIVE ANALYSIS—4 cr. (2 and 6)

A study of the fundamental principles of Qualitative Analysis and their applications in the systematic separation and identification of the common cations and anions in the laboratory. The topics discussed are: chemical equilibrium and the law of mass action, solution and ionization, solubility product, hydrolysis and complex ions. *Prerequisite*: Chem 101 and 102

MR. SCHIRMER

CHEM 216—QUANTITATIVE ANALYSIS—4 cr. (2 and 6)

A study of the fundamental principles of Quantitative Analysis and their applications in the analysis of unknown mixtures in the laboratory. Standard volumetric and gravimetric procedures are employed. *Prerequisite*: Chem 215

MR. SCHIRMER

CHEM 231—ORGANIC CHEMISTRY—4 cr. (3 and 3)

A study of fundamentals of organic chemistry which will aid the student of agriculture to understand the various biochemical reactions which are involved in his study of plant and animal nutrition. *Prerequisite*: Chem 101 and 102

MR. MAULDIN

CHEM 233—ORGANIC CHEMISTRY—4 cr. (3 and 3)

Prerequisite: Chem 101 and 102

CHEM 234—ORGANIC CHEMISTRY—4 cr. (3 and 3)

Prerequisite: Chem 233

CHEM 235—ELEMENTARY ORGANIC CHEMISTRY—5 cr. (3 and 6)

A thorough study of the aliphatic compounds with special emphasis upon structural characteristics of the various classes. In the laboratory, typical compounds are prepared in which technique, purity and yield are stressed. *Prerequisite*: Chem 101 and 102

MR. CARODEMOS AND MR. RITCHIE

CHEM 236—ELEMENTARY ORGANIC CHEMISTRY—5 cr. (3 and 6)

The alicyclic and aromatic compounds are thoroughly studied. Typical members of these series of compounds are synthesized in the laboratory in which technique, purity and yield are stressed. *Prerequisite*: Chem 235

MR. CARODEMOS AND MR. RITCHIE

CHEM 238—STOICHIOMETRY—2 cr. (2 and 0)

A study of the various types of fundamental problems in chemistry. *Prerequisite*: Chem 101 and 102

MR. MITCHELL

CHEM 311—ELEMENTARY CHEMICAL MICROSCOPY—3 cr. (2 and 3)

This course consists of the theoretical consideration of the construction of optical instruments and their uses in chemical work. The laboratory work includes a study of the crystalline structure of common chemicals and their microscopic detection, determination of particle size and the

solution of various practical industrial problems which can best be solved by the use of the microscope. *Prerequisite*: Chem 211, 212 and 235; Geol 306

Mr. Carodemos

Chem 315—Advanced Quantitative Analysis—3 cr. (2 and 3)

This course involves gravimetric, and colorimetric analysis. Complete analysis of limestones, silicates, a partial analysis of coal, pig iron and steel. Quantitative analysis of alloys such as brass, german silver, monel metal, using electrometric separation in some cases. The determination of certain important elements in ores, as sulfur, manganese, nickel, chromium and phosphorus. Some use will be made of photoelectric colorimeters and spectrophotometers. *Prerequisite*: Chem 101 and 102

Mr. Mitchell

Chem 316—Gas Analysis—3 cr. (2 and 3)

Chem 385—Advanced Organic Chemistry—4 cr. (2 and 6)

A review and more intensive study of representative classes of organic compounds. In this course reference is made to the current literature, from which the student prepares reports and abstracts. The laboratory work consists of the synthesis of more complex compounds. *Prerequisite*: Chem 236

Mr. Carodemos

Chem 386—Qualitative Organic Analysis—4 cr. (2 and 6)

The systematic identification of pure organic compounds and mixtures. In this course the student is introduced into the methods of consulting Beilstein's "Handbuch der organischen Chemie." *Prerequisite*: Chem 236, Ger 202

Mr. Carodemos

Chem 391—Physical Chemistry—4 cr. (3 and 3)

A brief course for students not required to take Chem 393 and 394. The content of the course is the same as that given in Chem 393 and 394. *Prerequisite*: Math 203 and 204; Chem 212; Chem 235 and 236

Mr. Pollard

CHEM 392—PHYSICAL CHEMISTRY—4 cr. (3 and 3)
A continuation of Chem 391.

MR. POLLARD

CHEM 393—PHYSICAL CHEMISTRY—3 cr. (3 and 0)

Modern chemical theories of matter, solutions and reactions. Principle topics discussed are gases, liquids, and solids; thermochemistry; theory of solutions; chemical kinetics; equilibrium in homogeneous and hetrogeneous systems; elementary electrochemistry. *Prerequisites*: Math 203 and 204; Chem 212, 235 and 236

MR. POLLARD

CHEM 394—PHYSICAL CHEMISTRY—3 cr. (3 and 0)

A continuation of Chem 393.

MR. POLLARD

CHEM 395—PHYSICAL CHEMISTRY—2 cr. (0 and 6)

Laboratory determinations of physico-chemical properties, and laboratory studies of physical chemical principles. *Prerequisite*: This course must be taken with Chem 393.

MR. POLLARD

CHEM 396—PHYSICAL CHEMISTRY—2 cr. (0 and 6)

A continuation of Chem 395.

MR. POLLARD

CHEM 451—ADVANCED INORGANIC CHEMISTRY—3 cr. (3 and 0)

A comprehensive survey of the field of inorganic chemistry through lectures and lecture experiments. Development of modern theories of valence and allied subjects and a detailed study of the elements and their compounds, based on the periodic system and including both wellknown and rarer elements. *Prerequisite*: Chem 101 and 102. Suggested: Chem 391 and 392.

MR. HUNTER

CHEM 452—ADVANCED INORGANIC CHEMISTRY—3 cr. (3 and 0)

A continuation of Chem 451.

MR. HUNTER

CHEM 455—HISTORY OF CHEMISTRY—2 cr. (2 and 0)

A study of the development of the science of chemistry from the earliest times to the present day. *Prerequisites*: Chem 235 and 236

MR. POLLARD

CHEM 456—INDUSTRIAL CHEMISTRY—3 cr. (3 and 0)

To study processes, operations, and reactions of chemical manufacture as related to such industries as paper, glass, fertilizer, sugar, leather, petroleum, etc. Visits are made to various plants and inspection reports made. *Prerequisites*: Junior or Senior standing

MR. BROWNLEY

CHEM 458—THESIS—3 cr. (0 and 9)

Original investigation of an assigned problem in some branch of chemistry selected by the student. This work may be carried out under the supervision of any qualified member of the staff. A thesis covering the work is a requirement of the course.

CHEMISTRY STAFF

CHEM 465—TECHNICAL ANALYSIS—3 cr. (1 and 6)

This course is planned to give training and experience in the analysis of a great many industrial products. Special attention is given to standard methods, fertilizer analysis, organic and mineral analysis of feeding materials, complete water analysis, both mineral and sanitary, the analysis of sugar products. *Prerequisite*: Chem 101, 102, 315 and 316

MR. MITCHELL

CHEM 466—STOICHIOMETRY—2 cr. (2 and 0)

A study of chemical equations, the various kinds in use with their meanings and value; different ways of balancing equations and calculations of various kinds involved in chemistry. *Prerequisite*: Chem 101 and 102

MR. MITCHELL

CHEM 491—COLLOID CHEMISTRY—2 cr. (2 and 0)

The general theory of colloid chemistry and its applications. Principle topics discussed are: Absorption, contract catalysis, surface tension, preparation and properties of colloidal solutions, gelatinous precipitates and jellies, emulsions, foams, fog and smoke. *Prerequisite*: Chem 391 and 392

MR. POLLARD

CHEM 492—COLLOID CHEMISTRY—2 cr. (2 and 0)

A continuation of Chem 491.

MR. POLLARD

CHEM 495—ELECTROCHEMISTRY—2 cr. (1 and 3)

Theoretical and applied electrochemistry with laboratory practice in electrochemical measurements and determinations. *Prerequisite*: Chem 391 and 392

MR. POLLARD

CHEM 496—ELECTROCHEMISTRY—2 cr. (1 and 3)

A continuation of Chem 495.

MR. POLLARD

CIVIL ENGINEERING

MR. CLARKE

*MR. H. E. GLENN MR. NORMAN MR. FORD

MR. TRIVELY MR. ROSTRON MR. J. D. GLENN

C E 101—ELEMENTARY SURVEYING—2 cr. (1 and 3)

An introductory course given to all Engineering freshmen. This course comprises field and office computations involving the use of the tape, transit, level and leveling rod; the making of simple surveys; running levels, making profiles, and computing cuts and fills.

MR. ROSTRON MR. FORD MR. GLENN

* On leave.

C E 201—Surveying—2 cr. (2 and 0)

A detailed study of the construction of all surveying instruments, and methods of adjusting same; a comprehensive consideration of the mathematical principles involved in making surveys: computations involved in computing and subdividing areas. *Prerequisites:* Math 103, C E 101, D D 105 and 106

Mr. Clarke Mr. Ford

C E 202—Surveying—2 cr. (2 and 0)

This is a continuation of C E 201, and comprises the application of surveying principles to the various phases of surveying problems, including land surveying, topographic surveying, route surveying, mine surveying and hydrographic surveying. This course includes sufficient elementary astronomy for making solar or stellar observations for the determination of Azimuth and Time. *Prerequisite:* C E 201

Mr. Clarke

C E 203—Topographic Surveying and Mapping—1 cr. (0 and 3)

The field and office work necessary to make a complete topographic map, including contours, of a prescribed area. *Prerequisite:* C E 101, Math 103, D D 105 and 106

Mr. Ford

C E 205—Engineering Problems—2 cr. (1 and 3)

This course, designed to familiarize the student with simple problems in civil engineering, includes a review of the applications of trigonometric functions and logarithms, and a study of graphs, tables, and the slide rule. Some emphasis is given to a systematic analysis of problems and a neat and orderly arrangement of computations. *Prerequisites:* Math 103, Math 104 and registration in Phys 211

Mr. Norman Mr. Rostron

C E 300—Summer Surveying Camp—will not be given in 1947.

C E 305—Route Surveying—3 cr. (3 and 0)

A study of the special problems which arise in connection with the location of a route for a railroad, highway, canal, sewer, water main or transmission line; the theory of simple, compound, and reversed curves;

parabolic curves, transition spiral, vertical, curves, railroad turnouts; computations of earthwork. *Prerequisite*: C E 201, 202 and 203

Mr. Clarke

C E 306—Roads and Pavements—4 cr. (3 and 3)

Theory and practice in design, location, construction and maintenance of low cost, intermediate, and high type, road surfaces. Highway economics and administration. Study of factors relating to highway construction methods and materials. *Prerequisites*: Phys 211 and C E 305

Mr. Norman

C E 309—Stress Analysis—2 cr. (0 and 6)

The computation of stresses in statically determinate structures. *Prerequisite*: Mech 302

Mr. Trively

C E 310—Elementary Design—2 cr. (0 and 6)

The computation of the stress in truss members and girders; the design of structural parts and their connections. *Prerequisite*: C E 309

Mr. Trively

C E 401—Structural Design—3 cr. (2 and 3)

The computation of stresses, and the detailed design of a steel highway bridge. *Prerequisite*: C E 310

Mr. Trively

C E 402—Structural Analysis—2 cr. (2 and 0)

Analysis of statically indeterminate structures by the method of moment distribution. *Prerequisite*: C E 401

Mr. Trively

C E 405—Road Materials Testing Laboratory—1 cr. (0 and 3)

A study of the physical properties of non-bituminous construction materials, and the standard tests for determining these properties. *Prerequisites*: Mech 302 and 304

Mr. Ford

C E 406—Road Materials Testing Laboratory—1 cr. (0 and 3)

A study of the physical properties of bituminous construction materials, and the standard tests for determining these properties. *Prerequisite*: Mech 302 and 304

Mr. Ford

C E 409—Reinforced Concrete Structures—4 cr. (3 and 3)

Study of mechanics of reinforced concrete, beams, slabs, columns and footings. Designs and estimates of concrete structures. *Prerequisite*: Mech 304 and 306

Mr. Norman

C E 410—Municipal and Sanitary Engineering—5 cr. (5 and 0)

A study of the procedure necessary to supply an adequate amount of potable water for public or private purposes; and the design and construction of sewerage systems and sewage treatment plants. *Prerequisite*: Mech 401

Mr. Clarke

C E 412—Reinforced Concrete Design—2 cr. (0 and 6)

The complete analysis and design of a reinforced concrete bridge or building. *Prerequisite*: C E 409

Mr. Trively

C E 415—Soil Mechanics—3 cr. (2 and 3)

Study of mechanical and physical properties of soils and their relation to soil action in problems of engineering, such as classification, permeability, shearing strength, consolidation, stress distribution and bearing capacity of soils. *Prerequisite*: Mech 304

Mr. Norman

C E 416—Contracts—2 cr. (2 and 0)

A study of the legal requirements and principles involved in the construction problems which confront the civil engineer.

Mr. Clarke

C E 417—City Planning—2 cr. (2 and 0)

A study of the special problems, confronting a city engineer, which are not specifically of an engineering nature, but for the solution of which the public looks to the city officials; viz. street systems, traffic control, parking facilities, railroad and water traffic problems, airports, parks and play-grounds and zoning; legal problems involved.

Mr. Clarke

C E 418—Water Power Engineering—3 cr. (3 and 0)

The study of the design and construction of hydro-electric power plants and the problems involved in the design. *Prerequisite*: Mech 401

Mr. Trively

C E 452—Advanced Structural Analysis—2 cr. (2 and 0)

The study of secondary stresses in structures and the deflection of structures. *Prerequisite*: C E 401

Mr. Trively

DAIRY DEPARTMENT

Mr. LaMaster
Mr. Goodale Mr. Marshall Mr. Lazar
Mr. Breazeale

Dairy 201—Introductory Dairying—3 cr. (2 and 3)

A course designed to give a practical working knowledge of dairy husbandry and dairy products. Studies include history of dairying, dairy breeds, feeds and feeding, judging dairy animals, dairy farm buildings, quality milk production, testing milk and some of its products, the manufacture of milk products, and the value of milk and milk products.

Mr. Breazeale

Dairy 301—Genetics—3 cr. (2 and 3)

A study of the principles of heredity and variation with special reference to their application to the animal kingdom. Some of the topics covered are Mendel's Law, physical basis of inheritance, chromosome theory, linkage,

expression and interaction of factors, origin of hereditary differences, inheritance of quantitative characters, and biometric methods. *Prerequisite*: Junior standing

Mr. LaMaster

Dairy 302—Dairy Technology and Engineering—3 cr. (2 and 3)

The chemical and physical properties of milk and milk products are studied in the classroom and laboratory as they apply to the processing of dairy products. Some of the dairy engineering subjects studied are: Heat measurement, transfer and control; power transmission, electrical power and equipment, hydraulics and pumping, steam and its use in the dairy, refrigeration, insulation, heaters and coolers, ice cream equipment, homogenizers, pasteurizing equipment, evaporating and drying equipment, washing and sterilizing equipment, fillers, equipment maintenance, general mechanics, and dairy plant design and layout. *Prerequisite*: Junior standing

Mr. Goodale

Dairy 305—Dairy Cattle Judging—1 cr. (0 and 3)

Students are given an understanding of dairy form, breed type, and relations between form and function of dairy cattle. Emphasis is placed on the score card, show ring requirements and classifications, fitting dairy cattle for show and sale, values as influenced by form, buying dairy cattle, practice in judging Brown Swiss, Guernsey, Holstein, and Jersey cattle of all ages.

Mr. Breazeale

Dairy 306—Market Milk—3 cr. (3 and 0)

To give a comprehensive understanding of the care and handling of market milk, the following subjects are studied: History and development of the market milk industry, composition of milk and its properties, microorganisms, enzymes and cells of milk and cream, milk and public health, safeguarding the milk supply, sanitary production of market milk, construction and arrangement of buildings (farm and station), transportation of milk, flavors of milk, construction and arrangement of city milk plants, milk plant operation, pasteurization of milk, cooling systems, creaming, separation, special milk products, business management, the dairy laboratory, dairy mathematics. *Prerequisite*: Dairy 201

Mr. Goodale

DAIRY 309—DAIRY CATTLE NUTRITION—3 cr. (3 and 0)

A chemical and physiological treatment of digestion, absorption and metabolism of nutrients. The physiology of and nutritional requirements for body maintenance, growth, reproduction and lactation of dairy cattle. *Prerequisite*: Chemistry 231

MR. MARSHALL

DAIRY 352—ADVERTISING AND MARKETING—3 cr. (3 and 0)

To give fundamentals in important fields of sales and marketing, the following topics are studied: Evolution of advertising, advertising allied with journalism, rise of national advertising, social aspects of advertising, advertisers policies and objectives, modern advertising procedure, marketing research, names, trade marks, packages, psychology of selling, incentives to attention, incentives to interest, establishing associations, building the advertisement, substance of advertising copy, typography, illustrations and color, layout and visualization, advertising program, advertising production, media, radio advertising. *Prerequisite*: Junior standing

MR. GOODALE

DAIRY 401—DAIRY MANUFACTURES—3 cr. (2 and 3)

A thorough study is made of the manufacture of creamery butter, and the processing of soft cheeses. Some of the topics covered are: History of buttermaking, care of cream on the farm, buying and grading cream, inspection and testing methods, neutralization, pasteurization, starters and ripening, churning, and all subsequent processes until butter is ready for market, composition control, butter scoring, butter storage, marketing butter, refrigeration and sanitation. Studies are conducted on complete processing methods for common varieties of soft cheeses. *Prerequisite*: Dairy 201 and 302

MR. GOODALE

DAIRY 402—DAIRY MANUFACTURES—4 cr. (2 and 6)

A study of ice cream manufacture and related problems of producing condensed and powdered milks. Some subjects covered are: History of ice cream making, classification of frozen products, composition, ingredients used, standardization of mixes, processing mixes, testing, freezing, whipping defects in ice cream, packaging, hardening, shipping sugars, egg products,

stabilizers, chocolate products, vanillas, fruits, ices, sherbets, specials, costs and merchandising, ice cream as a food, and bacteriology of ice cream. *Prerequisite*: Dairy 201 and 302

Mr. Goodale

Dairy 405—Dairy Cattle Breeding—3 cr. (2 and 3)

The student is given an understanding of the methods used in developing and improving the breeds of cattle. Principal topics are: breed history, advanced register, pedigrees, methods of indexing proved sires, statistical study of the relations of environment to production. *Prerequisite*: Genetics

Mr. LaMaster

Dairy 409—Dairy Seminar—2 cr. (2 and 0)

Special research problems in production and manufactures are studied. Individual topics not fully covered in class work are assigned for special reports before class and Dairy Staff. *Prerequisite*: Senior standing

Dairy Staff

Dairy 410—Dairy Seminar—2 cr. (2 and 0)

This course is a continuation of Dairy 409 with emphasis on current research literature. Each student is required to conduct a research project in production or manufactures and report the exposition of the results by thesis. *Prerequisite*: Senior standing

Dairy Staff

Dairy 452—Dairy Cattle Feeding and Management—3 cr. (2 and 3)

This course gives the fundamental principles in the care, feeding, and management of dairy cattle of all ages. Principal topics include: general considerations in selecting a breed, selecting the individual cow, calf raising, growth and development, raising dairy heifers, care and management of the milking herd, milking factors, feeding for milk production, stables for cows, dairy barn equipment and handling manure. *Prerequisite*: Senior standing

Mr. LaMaster

DRAWING AND DESIGNING

MR. KLUGH

MR. SHIGLEY MR. HARRIS MR. HUGHES

MR. BRADBURY MR. BANISTER MR. MCHUGH

MR. CARTER

D D 101—FREEHAND DRAWING—1 cr. (0 and 3)

A study of the principles of technical sketching, including the development of skills in technical lettering and freehand drawing.

DRAWING STAFF

D D 102—TECHNICAL DRAWING—1 cr. (0 and 3)

A study of the elementary principles of multi-view projection with emphasis upon the reading of technical drawings rather than upon their execution. *Prerequisite*: D D 101

DRAWING STAFF

D D 105—ENGINEERING DRAWING—2 cr. (0 and 6)

A comprehensive study of the language of the engineer. The course includes lettering, use of instruments, technical sketching, multi-view drawing, auxiliary projection, sectional views, dimensioning, fasteners, pipe drawings, and simple detail and assembly drawings.

DRAWING STAFF

D D 106—ENGINEERING DRAWING—2 cr. (0 and 6)

A continuation of D D 105. The course includes detail and assembly drawings, welding drawings, pictorial drawings, simple problems involving the point, line, and plane in descriptive geometry, structural drawing, developments and intersections, jigs and fixtures, and simple problems in cams and related motions. *Prerequisite*: D D 105

DRAWING STAFF

D D 305—KINEMATICS AND MECHANISMS—2 cr. (1 and 3)

A study of cams, linkages, and related mechanisms. The determination of velocities and accelerations in simple machines. A comprehensive study of toothed gearing, simple and planetary gear trains and miscellaneous mechanisms. *Prerequisite*: D D 106. Must parallel or follow M E 303.

MR. KLUGH MR. SHIGLEY MR. BRADBURY

D D 306—Machine Design—2 cr. (1 and 3)

A study of the various "factors" which influence the design engineer's decision upon the size, material, or shape of a machine part. Review of materials and processes from the standpoint of design. The design of various machine elements. A selected group of laboratory problems to bring out the student's judgment, initiative, and ingenuity, and to unite all his previous experience and studies and focus them towards the solution of each problem. *Prerequisite*: D D 305. Must parallel or follow M E 304.

Mr. Klugh Mr. Shigley Mr. Bradbury

ECONOMICS

Mr. Ward
*Mr. Burtner Mr. Lander Mr. Tuttle
Mr. Powers

Econ 201—Principles of Economics—3 cr. (3 and 0)

This course, with its continuation, Econ 202, furnishes a basic introduction to the science of economics. Beginning with an examination of fundamental concepts, the course deals with principles of production and exchange, business organization and combination, and principles of money, banking and credit. Special emphasis is given to current economic problems.

Economics Staff

Econ 202—Principles of Economics—3 cr. (3 and 0)

Continuation of Econ 201 with special attention to the distribution of national income, value and price, foreign trade and exchange, economic problems of government such as taxation and government spending. Comparison is made of the economic structures of capitalism, socialism and communism. Consideration is given to current economic problems. *Prerequisite*: Econ 201

Economics Staff

Econ 301—Labor Problems—3 cr. (3 and 0)

Studies in the development of present day labor conflict and causes of industrial unrest. An analytical survey is made of such aspects as unemployment, low wages, industrial accidents and diseases, intervention of the State in behalf of the worker and the status of the worker in

* On leave.

modern industrial society. Trade unionism and collective bargaining are contrasted with state legislation as devices for dealing with these problems. *Prerequisite*: Econ 201 and 202

Mr. Ward

Econ 302—Money and Banking—3 cr. (3 and 0)

A survey of the financial organization of society. Consideration of monetary systems, foreign exchange, credit instruments and principle types of financial institutions. Problems of credit control, monetary stabilization, banking regulation and reform are given special emphasis. *Prerequisite*: Econ 201 and 202

Mr. Ward

Econ 401—Elementary Accounting—3 cr. (3 and 0)

Practice in handling real and nominal accounts, together with an introduction to the use of various types of books of original entry, statements of profit and loss, and balance sheets. The work of the course will consist of lectures and problems. *Prerequisite*: Econ 201 and Junior standing

Mr. Powers

ELECTRICAL ENGINEERING

Mr. Rhodes
Mr. Hallmark

Mr. Tingley	Mr. Morgan	Mr. Buttner
Mr. Giles	Mr. Adams	Mr. Long

E E 211—Electric Circuits—3 cr. (3 and 0)

An introductory course in fundamental theory of electric and magnetic circuits with illustrative applications to electrical apparatus. *Prerequisite*: Enrollment in Math 203 and Phys 212 and 214

Mr. Long Mr. Adams Mr. Buttner

E E 212—Electric Fields—3 cr. (2 and 3)

A continuation of E E 211 embracing the study of electromagnetic and dielectric fields and simple transients. Contains a correlated laboratory course. *Prerequisite*: E E 211; Phys 212, 214; and enrollment in Math 204

Mr. Rhodes Mr. Long

E E 303—Electric Circuits and Machines—4 cr. (3 and 3)

An elementary course in circuits and machines and their applications in industry. Planned for Civil Engineering, Agricultural Engineering and Industrial Education students. *Prerequisite*: All mathematics and physics courses listed in the respective curricula in which E E 303 is required.

Mr. Giles Mr. Adams Mr. Buttner

E E 304—Vocational Electricity—2 cr. (1 and 3)

A brief course designed to assist Industrial Education students in planning electrical courses for high school students. *Prerequisite*: E E 303

Mr. Morgan

E E 307—Direct-Currents and Machines—4 cr. (3 and 3)

Fundamental theory of direct-currents and machines with special emphasis on operating characteristics and industrial applications. *Prerequisite*: Math 203, and 204; Phys 211, 212, 213, and 214

Mr. Giles

E E 308—Alternating-Current Circuits and Machines—4 cr. (3 and 3)

A continuation of E E 307 designed for a similar study of alternating-currents and machines with typical industrial applications. *Prerequisite*: E E 307

Mr. Giles

E E 311—Direct-Current Machinery—4 cr. (3 and 3)

The theory, construction, and operating characteristics of direct generators, motors and control equipment, accompanied by a co-ordinated series of laboratory tests. *Prerequisite*: E E 211 and 212

Mr. Morgan

E E 315—Alternating-Current Circuits—3 cr. (3 and 0)

A comprehensive study of alternating-current fundamentals. Use of the vector algebra method of solution of circuit problems. *Prerequisite*: Math 203 and 204; Phys 211, 212, 213, and 214

Mr. Morgan

E E 316—Alternating-Current Circuits—4 cr. (3 and 3)

A continuation of E E 315 including the solution of problems involving non-sinusoidal currents, coupled circuits and balanced and unbalanced polyphase systems. Coordinated laboratory experiments included. *Prerequisite*: E E 315

Mr. Adams

E E 320—Electronics—4 cr. (3 and 3)

An introduction to electron tubes and circuits. Embraces thermionic emission, vacuum and gas filled tubes, photo-sensitive devices, cathode-ray tubes, rectifiers and industrial applications. Includes laboratory investigations and demonstrations. *Prerequisite*: E E 315; and enrollment in E E 316

Mr. Hallmark

E E 405—Electrical Design—1 cr. (0 and 3)

The application of fundamental principles of electric and magnetic circuits through a series of design problems correlating with direct-current and alternating-current machinery courses. *Prerequisite*: E E 311, and enrollment in E E 411

Mr. Rhodes

E E 406—Electrical Design—1 cr. (0 and 3)

A continuation of E E 405 with specific application to synchronous and induction machinery problems. *Prerequisite*: E E 411

Mr. Rhodes

E E 411—Alternating-Current Machinery—5 cr. (3 and 6)

The application of fundamental circuit theory to alternating-current machinery. Study of the construction, theory, and operating characteristics of transformers and synchronous generators and motors. *Prerequisite*: E E 316

Mr. Rhodes Mr. Tingley Mr. Buttner

E E 412—Alternating-Current Machinery—4 cr. (3 and 3)

A continuation of E E 411 covering the theory, operating characteristics and industrial applications of induction motors, converters, and the principal types of commutator motors. *Prerequisite*: E E 411

Mr. Rhodes Mr. Tingley

E E 415—Advanced Circuits—3 cr. (3 and 0)

A continuation of E E 315 and E E 316 embracing studies of transmission line calculations, electric filters, symmetrical components, power short-circuit calculations and transient conditions. *Prerequisite*: E E 316

Mr. Tingley

E E 422—Electric Distribution—2 cr. (2 and 0)

Technical and economic features of local wiring systems; city and rural distribution; control and protective equipment. Includes reference studies. *Prerequisite*: E E 316; and enrollment in E E 411

Mr. Giles

E E 426—Electric Transients—2 cr. (1 and 3)

A course, largely experimental, covering physical phenomena and mathematical analysis of electric circuits and machines in transient state. Open to a limited number of advanced Electrical Engineering students. *Prerequisite*: E E 411 and E E 415

Mr. Tingley

E E 427—Advanced A.C. Machinery—3 cr. (3 and 0)

Supplementary to E E 411 and E E 412 and covering special and more complex features of alternating equipment. Planned for Electrical Engineering students electing Electric Power engineering. *Prerequisite*: E E 411; and enrollment in E E 412

Mr. Rhodes

E E 431—Radio Communication—4 cr. (3 and 3)

A study of the component circuits involved in radio communication systems; audio and radio frequency amplifiers, detectors, oscillators, amplitude modulation systems, power supplies and transmitter and receiver circuits. *Prerequisite*: E E 320

Mr. Hallmark

E E 432—Radio Communication—4 cr. (3 and 3)

A continuation of E E 431. Includes frequency modulation, antennas and radio frequency transmission lines, ultra high frequency oscillators and detectors, and elementary acoustics and sound systems. *Prerequisite*: E E 431

Mr. Hallmark

E E 433—Industrial Electronics—3 cr. (2 and 3)

A course, principally laboratory, embracing the study of electronic equipment especially designed for various industrial applications with special emphasis given to the study of rectifiers, high frequency heating, welding controls, x-ray analysis, speed and voltage regulators, synchronizers, timers, etc. *Prerequisite*: E E 320 and enrollment in E E 411

Mr. Tingley

E E 436—Radiation and Wave Propagation—3 cr. (2 and 3)

An advanced study of electric fields, vector analysis, Maxwell's equations, wave guides, radiation, antennas and propagation of waves in space. *Prerequisite*: E E 431

Mr. Hallmark

ENGLISH

Mr. Bradley
Mr. Owings

Mr. Daniel	Mr. Cox	Mr. Gardiner
Mr. Kinard	*Mr. C. B. Green	Mr. MacIntosh
Mr. Lane	Mr. Winter	Mr. Purser
Mr. Taylor	Mr. Durden	Mr. McGee
Mr. J. C. Green	Mr. Felder	Mr. Watson

Engl 10—Remedial English—Non-credit (3 and 0)

A refresher course for students failing the placement test for English 101; a thorough review of grammar, punctuation, and sentence structure with drill in general correctness; some study of the principles of the paragraph, the whole composition, and letter writing.

The English Staff

* On leave.

ENGL 101—COMPOSITION AND LITERATURE—3 cr. (3 and 0)

A course intended to train the student in correct and effective expression and to acquaint him with the various kinds of good writing. *Prerequisite*: Satisfactory score on the English Placement test or successful completion of Engl 10

THE ENGLISH STAFF

ENGL 102—COMPOSITION AND LITERATURE—3 cr. (3 and 0)

A continuation of the work of English 101 with a wider scope of reading and special attention to longer pieces of writing. *Prerequisite*: Engl 101

THE ENGLISH STAFF

ENGL 201—LITERATURE AND ADVANCED COMPOSITION—2 cr. (2 and 0)

A study of early nineteenth century English literature: the early Romantic movement as revealed mainly in the writings of Wordsworth, Scott, and Coleridge; the culmination of the movement in the poetry of Byron, Shelley, and Keats; study or reading assignments in the prose writings of the period. *Prerequisite*: Engl 101 and 102

THE ENGLISH STAFF

ENGL 202—LITERATURE AND ADVANCED COMPOSITION—2 cr. (2 and 0)

A study of the outstanding authors and writings of the Victorian Period in English Literature: interpretation of the important works of the leading poets of the period with emphasis on Tennyson and Browning; study and reading assignments in the prose writings of the period. *Prerequisites* Engl 101 and 102

THE ENGLISH STAFF

ENGL 300—ENGLISH AT WORK—1 to 4 cr.

A study of the duties and responsibilities shouldered by students who edit uncensored publications. Professional journalists and other qualified individuals from the campus and elsewhere lead the discussions and offer constructive criticism. As often as practicable, the most recent issue of a student publication is selected for discussion. Enrollment is limited to staff members of student publications. Extra credits by approval of Faculty Advisor only. *Prerequisite*: Engl 101 and 102

MR. LANE

ENGL 301—PUBLIC SPEAKING—3 cr. (3 and 0)

A course of practical training in public speaking: the improvement of articulation, voice, and platform presence; the writing and delivery of short speeches; impromptu and extemporaneous speaking and debating; dummy broadcasting and drill with recording equipment for improvement in voice and oral composition. *Prerequisite*: Engl 201 and 202

MR. BRADLEY MR. LANE MR. J. C. GREEN MR. OWINGS MR. WINTER

ENGL 302—BUSINESS LAW—3 cr. (3 and 0)

A study of the basic principles of Business Law; the origin and purpose of laws; contracts; agency, negotiable instruments; bailments and carriers; illustrative cases. *Prerequisite*: Engl 201 and 202

MR. BRADLEY MR. COX MR. DANIEL

ENGL 305—EXPOSITORY WRITING—3 cr. (3 and 0)

Training in the processes of expository writing or explanation; the qualities and tools of exposition; various forms of expository writing. *Prerequisite*: Engl 201 and 202

ENGL 400—THE THESIS—1 cr. (0 and 3)

A course in practical guidance to the student in making research and presenting the results in proper form; statement of the problem with origin and history; object and scope of the investigation; application of results; plan of procedure. (To be prepared under the direction of a member of the School of Arts and Sciences and approved by him, as to content, and by a member of the English Department, as to form.) *Prerequisite*: Engl 201 and 202

ENGL 405—SHAKESPEARE—3 cr. (3 and 0)

To give the student as comprehensive an acquaintance as possible with Shakespeare's plays and some understanding of his development as a dramatist. *Prerequisite*: Engl 201 and 202

MR. TAYLOR

ENGL 406—SHAKESPEARE—3 cr. (3 and 0)

A continuation of the work as outlined in Engl 405. *Prerequisite*: Engl 201 and 202

MR. TAYLOR

ENGL 409—CHAUCER—3 cr. (3 and 0)

A study of the language, verse forms, and stories of Chaucer; reading from the *Prologue and the Canterbury Tales;* supplementary reading of historical and critical authors. *Prerequisite*: Engl 201 and 202

MR. BRADLEY

ENGL 410—CHAUCER—3 cr. (3 and 0)

Continuation of the work of English 409 with wider reading in the works of Chaucer; reading of Troilus and Creiseyde with a study of motivation for the love casuistry and tragic element of the poem. *Prerequisite*: Engl 409

MR. BRADLEY

ENGL 415—INTRODUCTION TO DRAMA—3 cr. (3 and 0)

A study of principles and progress of drama from Aeschylus to Ibsen, analysis of representative plays, writing of critical reports, practice in classroom reading of great scenes. *Prerequisite*: Engl 201 and 202

MR. LANE

ENGL 416—INTRODUCTION TO DRAMA—3 cr. (3 and 0)

A study of principles and progress of drama from Ibsen to the present days, analysis of representative plays, writing of critical reports, classroom reading of great scenes, and discussion of all important aspects of modern drama. *Prerequisite*: Engl 201 and 202

MR. LANE

ENGL 419—SELECTED MASTERPIECES—3 cr. (3 and 0)

A study of a variety of literary masterpieces, principally from English literature but including some world literature in English translation, with emphasis on acquaintance with and appreciation of individual outstanding works. *Prerequisite*: Engl 201 and 202

MR. KINARD

ENGL 420—SELECTED MASTERPIECES—3 cr. (3 and 0)

A continuation of English 419 using different selections. *Prerequisite*: Engl 201 and 202

MR. KINARD

ENGL 423—AMERICAN LITERATURE—3 cr. (3 and 0)

To give the student a more thorough knowledge and a deeper appreciation of the literature of the United States; beginning with the earlier selections and outstanding authors, the study ends with period immediately preceding the Civil War; special emphasis is given to Poe, Emerson, Hawthorne, and Melville. *Prerequisite*: Engl 201 and 202

MR. J. C. GREEN

ENGL 424—AMERICAN LITERATURE—3 cr. (3 and 0)

A continuation of study from Whitman to the present with emphasis upon the literature of the South. *Prerequisite*: Engl 201 and 202

MR. J. C. GREEN

ENTOMOLOGY

MR. DUNAVAN MR. SHERMAN MR. WARE

ENT 301—ELEMENTARY AND ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

A general introduction to Entomology with emphasis on anatomy, metamorphosis, life-histories of our most important species and methods of control. *Prerequisite*: Zool 101

MR. SHERMAN

ENT 302—GENERAL ENTOMOLOGY—3 cr. (2 and 3)

This course designed especially for students who take major work in Entomology. Provides basic training in general phases of Entomology covering especially metamorphosis, classification, habits and characteristics of members of principal families of all orders of insects. Special attention is also given to technique of collecting and preserving insects is provided. *Prerequisites*: Zool 101 and Ent 301

MR. DUNAVAN

ENT 401—ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

Course affords training in identification and life-histories of injurious insects, their damage, and control measures. Common pests of the following are studied: corn, small grains, legume field crops, tobacco, sugar cane, stored grain and seed, livestock and man. *Prerequisites*: Zool 101 and Ent 301

MR. DUNAVAN

ENT 402—ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

An intensive study of insecticides and other control measures for insects. This is followed by detailed study of habits, life-histories and approved control measures for insect pests of all fruit and vegetable crops. *Prerequisites*: Zool 101 and Ent 301

MR. DUNAVAN

ENT 405—INSECT MORPHOLOGY—3 cr. (2 and 3)

A course especially arranged for students with major work in Entomology. A detailed study of external and internal anatomy of insects. *Prerequisites*: Ent 301 and Ent 302

MR. DUNAVAN

ENT 406—BEEKEEPING—3 cr. (2 and 3)

A study of practical beekeeping methods. Each student personally manages a hive of bees throughout the term. Special attention is given to bee behavior, spring and fall management and honey production methods. *Prerequisites*: Ent 301

MR. DUNAVAN

ENT 451—INTRODUCTION TO RESEARCH—2 cr. (1 and 3)

A study of approved methods of investigating entomological problems. Each student conducts a minor investigation, gathers data, and writes a graduation thesis. *Prerequisites*: Ent 301 and Ent 302

MR. DUNAVAN

ENT 452—TAXONOMIC ENTOMOLOGY—2 cr. (1 and 3)

Review of families in Hemiptera and Homoptera, followed by more intensive work in classification of Orthoptera with special emphasis on the family Acrididae. *Prerequisites*: Zool 101 and Ent 301

MR. SHERMAN

ENT 456—PARASITOLOGY—3 cr. (2 and 3)

Designed to give technical training in parasites affecting man and domestic animals. Life cycles, vectors, and practical controls are emphasized.

MR. WARE

ENT 460—SEMINAR—2 cr. (2 and 0)

Students review the principal journals pertaining to insects and related animals; also review the lives and activities of prominent pioneer entomologists. *Prerequisites*: Zool 101 and 301; Ent 301 and 302

MR. SHERMAN

FORESTRY

MR. HANSEN

FOR 201—GENERAL FORESTRY—3 cr. (2 and 3)

A general introduction to and survey of the field of forestry. An introductory course for pre-forestry students, and a survey of the field of regional, national and world forestry problems arranged for non-foresters. The forest resource and its place in human welfare.

MR. HANSEN

FOR 202—DENDROLOGY—4 cr. (3 and 3)

The identification of the commercially important trees of the United States including nomenclature; family, genus and species characteristics; range and distribution. Field identification of the trees native to South Carolina and of commonly planted exotics. *Prerequisite*: Bot 101

MR. HANSEN

FOR 304—FARM FORESTRY—3 cr. (2 and 3)

A study of the general problems dealing with the scientific management of small forest areas. Tree identification, tree measurements, forest measurements, forest products, silvicultural management of the important forest types of the region, intermediate and final cuttings, plantations, marketing of forest products and forest protection. Laboratory and field work on college forest lands and forestry operations. *Prerequisite*: Bot 101

MR. HANSEN

FRENCH

Mr. Rhyne Mr. Dean

Fr 101—Elementary French—3 cr. (3 and 0)

A course for beginners, in which through conversation, composition, and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

Mr. Rhyne Mr. Dean

Fr 102—Elementary French—3 cr. (3 and 0)

The continuation of Fr 101, in which a reader is also used.

Mr. Dean

Fr 201—Intermediate French—3 cr. (3 and 0)

A short review of grammar, with conversation, composition, and dictation continued from Fr 102 and the beginning of more serious reading of French prose in short stories or novels.

Mr. Rhyne

Fr 202—Intermediate French—3 cr. (3 and 0)

While attention is paid to writing and speaking French, more stress is laid on the rapid reading of more difficult French prose than in the earlier courses.

Mr. Dean

Fr 301—Advanced French—2 cr. (2 and 0)

Rapid reading of difficult literary or scientific French prose.

Mr. Rhyne Mr. Dean

Fr 302—Advanced French—2 cr. (2 and 0)

This is the continuation of Fr 301, with selections being made to suit the needs of the students.

Mr. Rhyne Mr. Dean

GEOGRAPHY

MR. CARPENTER

GEOG 301—ECONOMIC GEOGRAPHY—3 cr. (3 and 0)

A study of the geographic conditions fundamental to the world's resources—agricultural, mineral, and industrial, and the conditions which affect their production, exchange, and consumption. A special study will be made of the South. *Prerequisite*: Junior Standing

MR. CARPENTER

GEOG 302—GEOPOLITICS—3 cr. (3 and 0)

A study of the Geopolitical pattern of great powers, nations and dependencies; their territorial structure, resources, and connections. An examination of the principles of political geography, their application to current history, from an American geographical viewpoint. *Prerequisite*: Junior Standing

MR. CARPENTER

GEOLOGY AND MINERALOGY

MR. CALHOUN

GEOL 201—AGRICULTURAL GEOLOGY—3 cr. (3 and 0)

In this course the student is shown the relationships existing between geology and practical agricultural problems, especially those in connection with soil formation and adaptation. Soil making minerals and rocks; formation of soils and rocks, the question of the relation of underground water to springs, wells and drainage problems are considered.

MR. CALHOUN

GEOL 203—GENERAL GEOLOGY—3 cr. (3 and 0)

This course is intended to familiarize students with geology as applied not only to a thorough enjoyment of nature, but also to its many practical applications.

MR. CALHOUN

GEOL 204—GENERAL GEOLOGY—3 cr. (3 and 0)

In the second semester the evolution of the earth, through all of its changes to the geography and life of the present day, is traced.

MR. CALHOUN

GEOL 306—MINERALOGY—4 cr. (3 and 3)

The purpose is to give the students a comprehensive knowledge of crystallography and descriptive and determinative mineralogy.

MR. CALHOUN

GEOL 402—METEOROLOGY—2 cr. (2 and 0)

A course designed to give the general principles of meteorology and climatology as applied to farming, aviation, and to those sciences which require a knowledge of such principles.

MR. CALHOUN

GEOL 406—ENGINEERING GEOLOGY—3 cr. (3 and 0)

To show the practical application of geology to problems of engineering. Topographic and geologic maps are used extensively in connection with the text.

MR. CALHOUN

GERMAN

MR. RHYNE

GER 101—ELEMENTARY GERMAN—3 cr. (3 and 0)

A course for beginners, in which through conversation, composition and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

MR. RHYNE

GER 102—ELEMENTARY GERMAN—3 cr. (3 and 0)

The continuation of Ger 101, in which a reader is also used.

MR. RHYNE

GER 201—INTERMEDIATE GERMAN—3 cr. (3 and 0)

A short review of grammar, with conversation, composition, and dictation continued from Ger 102 and the beginning of more serious reading of German prose in short stories or novels.

MR. RHYNE

GER 202—INTERMEDIATE GERMAN—3 cr. (3 and 0)

While attention is paid to writing and speaking German, more stress is laid on the rapid reading of more difficult German prose than in the earlier courses.

MR. RHYNE

GER 301—ADVANCED GERMAN—2 cr. (2 and 0)

Rapid reading of difficult literary or scientific German prose.

MR. RHYNE

GER 302—ADVANCED GERMAN—2 cr. (2 and 0)

This is the continuation of Ger 301, with selections being made to suit the needs of the students.

MR. RHYNE

GOVERNMENT

MR. EPTING	MR. ALEXANDER	MR. TUTTLE
MR. CROUCH	MR. CARPENTER	MR. WEBB

GOV 101—AMERICAN NATIONAL GOVERNMENT—3 cr. (3 and 0)

A survey of the principles, structure, and functions of the national government of the United States.

GOVERNMENT STAFF

GOV 301—AMERICAN GOVERNMENT AND POLITICAL PARTIES—3 cr. (3 and 0)

A study of the constitution; powers and functions of executive, legislative, and judicial branches; citizenship; expansion of governmental activities; relations to the states, and territories. A study of the nature, development,

organization, and methods of political parties, and the conduct of elections. *Prerequisite*: Not open to those who have completed Gov 101.

MR. CARPENTER

Gov 302—STATE AND LOCAL GOVERNMENT—3 cr. (3 and 0)

An integrated study of American state and local government structural features, functions and legislative, administrative, and judicial processes. *Prerequisite*: Gov 101 or 301 and permission of the instructor.

MR. EPTING

Gov 401—COMPARATIVE GOVERNMENT—3 cr. (3 and 0)

A study of the historical development of present-day political institutions and a comparison of the functioning of these institutions in the United States, Great Britain, Russia, Switzerland, and other countries. *Prerequisite*: Gov 101 and permission of the instructor

MR. EPTING

Gov 403—INTERNATIONAL RELATIONS—3 cr. (3 and 0)

To acquaint the student with current world movements and conditions, so that he may be able to think intelligently on the problems confronting our nation. *Prerequisite*: Senior standing

MR. CROUCH

HISTORY

MR. HOLMES

MR. EPTING	MR. CARPENTER	MR. TUTTLE
MR. ALEXANDER	MR. LANDER	MR. WEBB

HIST 101—AMERICAN HISTORY—3 cr. (3 and 0)

A survey of the political, economic, and social development of the American people from the period of discovery to the end of the Civil War.

HISTORY STAFF

HIST 102—AMERICAN HISTORY—3 cr. (3 and 0)

A survey of the political, economic and social development of the American people from the end of the Civil War to the present.

HISTORY STAFF

HIST 301—HISTORY OF THE UNITED STATES SINCE 1865—3 cr. (3 and 0)

An advanced study of the political, social, and economic development of the United States since the end of the Civil War. *Prerequisite*: Junior standing. Not open to students who have completed Hist 102.

MR. EPTING

HIST 303—HISTORY OF CIVILIZATION—3 cr. (3 and 0)

A study of the political, economic and social conditions and institutions, as well as the outstanding personalities of Western Civilization from early ancient times through the period of the Middle Ages and into the modern period up to 1648. *Prerequisite*: Junior standing or permission of instructor.

MR. HOLMES MR. EPTING

HIST 304—HISTORY OF CIVILIZATION—3 cr. (3 and 0)

A study of the political, economic, and social conditions and institutions, as well as the outstanding personalities of Western Civilization from 1648 up to the present. *Prerequisite*: Junior standing or permission of instructor.

MR. HOLMES MR. EPTING

HIST 305—HISTORY OF THE SOUTH—3 cr. (3 and 0)

A study of the colonial background, political life, and economic, social and cultural development of the South. *Prerequisite*: Junior standing

MR. ALEXANDER

HIST 307—A DIPLOMATIC HISTORY OF THE UNITED STATES—3 cr. (3 and 0)

A history of United States foreign relations from 1775 to date with emphasis being placed upon the directing forces, particularly public opinion, that have shaped American diplomatic policies. Also stressed are the causes and results of all foreign wars in which the United States has been engaged. *Prerequisite*: Junior standing

MR. LANDER

HIST 308—EUROPE SINCE 1918—3 cr. (3 and 0)

A history of Europe since the end of World War I with emphasis being placed upon the rise to power of the Communist, Fascist, and National Socialist regimes in Russia, Italy, and Germany, respectively. *Prerequisite*: Junior standing

MR. LANDER

HIST 401—HISTORY OF SOUTH CAROLINA—3 cr. (3 and 0)

A study of the political, economic and social conditions and institutions of South Carolina from 1670 up to the present.

A special feature is a study of the outstanding personalities and of the historical literature. *Prerequisite*: Junior or Senior standing or permission of instructor

MR. HOLMES

HORTICULTURE

MR. MUSSER

MR. VAN BLARICOM MR. SEFICK MR. SENN
MR. GARRISON MR. THODE

HORT 201—GENERAL HORTICULTURE—3 cr. (2 and 3)

A study of the fundamental plant processes, the influence of light, temperature, water and nutrients upon vegetative growth and reproduction of horticultural crops. Production practices, harvesting, storage and marketing of the principal fruit, vegetable and ornamental crops are discussed with demonstrations and practice in greenhouse and orchard. *Prerequisite*: Bot 101, Chem 101

MR. SEFICK MR. SENN

HORT 301—PRINCIPLES OF VEGETABLE PRODUCTION—3 cr. (2 and 3)

A study of the general principles of vegetable growing and handling. Phases receiving special emphasis are: economic importance, producing areas, management practices, plant forcing, cultural practices, irrigation, quality factors, harvesting, grading, packing, storage, market inspection, transportation, refrigeration, exhibition, roadside marketing, and seed production. *Prerequisite*: Hort 201

MR. GARRISON

HORT 305—PLANT PROPAGATION AND NURSERY MANAGEMENT—3 cr. (2 and 3)

A study of methods of propagation; time, manner, and material for making cuttings; temperature and media for rooting cuttings of ornamental trees, shrubs and flowering plants; propagating structures, soils, fertilizers, and management methods for commercial nurseries. Practical instruction given in field and greenhouse. *Prerequisite*: Hort 201

MR. THODE

HORT 306—ELEMENTARY LANDSCAPE DESIGN—3 cr. (2 and 3)

A study of plant material used in landscape design; instruction in landscaping and developing home grounds and execution of design. *Prerequisite*: D D 101 and 102

MR. THODE

HORT 401—LANDSCAPE DESIGN—3 cr. (2 and 3)

Instruction in the use of plant material used in landscaping homes, parks and small estates and designing of larger areas. Designs to be executed in detail. *Prerequisite*: Hort 306

MR. THODE

HORT 402—GARDEN DESIGN—3 cr. (2 and 3)

Instruction in design of both formal and informal gardens; use of herbaceous plant material and execution of plans. *Prerequisite*: Hort 306

MR. THODE

HORT 405—NUT CULTURE AND SPRAYS—3 cr. (2 and 3)

Part I—Nut Culture—a study of production, harvesting and marketing of the principal nut crops with emphasis on the pecan.

Part II—Sprays and application equipment—a study of the properties of spray chemicals, their influence on plant functions, effectiveness in controlling pests of horticultural crops and methods of application. *Prerequisite*: Hort 201

MR. SEFICK

HORT 409—SEMINAR—1 cr. (1 and 0)

A study of recent research work on various phases of horticulture, methods of conducting investigations and preparation of report of investigations.

MR. MUSSER AND STAFF

HORT 410—SEMINAR—1 cr. (1 and 0)

A continuation of Hort 409.

MR. MUSSER AND STAFF

HORT 415—FLORICULTURE—3 cr. (2 and 3)

A study of greenhouse production of commercial flower crops, soils, fertilizers, greenhouse diseases and insects, flower crops (major crops: roses, carnations, chrysanthemums; minor crops: sweet peas, snapdragons, violets, calendula, asters, gardenia, poinsettia, bulbs in variety) to be grown on benches and as pot plants; marketing and costs of production. *Prerequisite:* Hort 201 and 305

MR. THODE

HORT 451—SYSTEMATIC POMOLOGY AND SMALL FRUIT CULTURE—3 cr. (2 and 3)

Part I—Systematic Pomology—A study of the structure of fruit plants—physiological characters; methods of work in systematic pomology; habitat, history, color, form, structure, flavor and use of fruits; judging and displaying fruits.

Part II—Small Fruit Culture—A study of varieties, soils, sites, culture, fertilizers, harvesting and preparation for marketing of grapes, strawberries, dewberries, blackberries, raspberries and other small fruits. *Prerequisite:* Hort 201

MR. MUSSER

HORT 452—COMMERCIAL POMOLOGY—3 cr. (2 and 3)

A study of fruit bud formation, rest period and water relations of fruit plants, soils, fruit setting; orchard soil management and responses of various fruits to fertilizers, principles of pruning, effect of climatic differences, freezing of tissues and means of avoiding injury, harvesting, transportation, and storage. *Prerequisite:* Hort 201

MR. MUSSER

HORT 455—BREEDING HORTICULTURAL CROPS—3 cr. (2 and 3)

A study of the principles and practices of plant breeding. The principle topics include: inheritance of characters, modes of reproduction, techniques of selfing and crossing, selection, hybridization, disease and insect resistance, application of biometrical analysis, and field plot technique. *Prerequisite:* Agron 302

MR. GARRISON

HORT 456—TRUCK CROPS—3 cr. (2 and 3)

A detailed study of the principles and practices employed in the growing and marketing of truck crops. Emphasis is placed on plant characteristics, varieties, soils, fertilizers, harvesting, and preparation for market. *Prerequisite*: Hort 201

MR. GARRISON

HORT 460—ADVANCED LANDSCAPE DESIGN—3 cr. (2 and 3)

A study of civic improvement, mill villages, public buildings, squares, parks, storm water control, water courses, lakes, lawns, drives, and walks; trees and shrubs and their requirements; study of finished problems in landscape design, original problems, field work and costs. *Prerequisite*: Hort 306 and 401

MR. THODE

HORT 464—FOOD PRESERVATION—3 cr. (2 and 3)

Theoretical background and fundamental processes of food preservation. The course includes modern canning technique for community and commercial canneries; frozen food preservation; study of important crops grown in South Carolina suitable for canning; factors which influence the commercial operation of a cannery; causes of food spoiling; factors which influence quality packs; U. S. Standard grades for canned goods; and a study of jams, jellies and preserves, dehydration and pickle manufacturing. *Prerequisite*: Bact 301

MR. VAN BLARICOM

INDUSTRIAL ARTS

MR. MARSHALL

IN AR 303—INDUSTRIAL ARTS—2 cr. (1 and 3)

A course to include project construction, finishing, care of shop tools and equipment, characteristics of woods, fasteners, finishing materials, glues, and the shop budget.

MR. MARSHALL

IN AR 304—SPECIAL METHODS IN INDUSTRIAL ARTS—2 cr. (1 and 3)

A study in fundamental skills, knowledges, and appreciation of wood-

work. Special technique and method of approach in teaching shop subjects in high schools are also covered.

Mr. Marshall

INDUSTRIAL ENGINEERING

Mr. Freeman - Mr. Marshall

Mr. Brock Mr. Couch Mr. Meeks

In En 101—Metal Processes—2 cr. (0 and 6)

A study of forge equipment; materials used in forgings, selections of materials, method of working and treating, heat treating, and case hardening. A study of materials used in foundry; the cupola, moulding sand, cores, patterns, the crucible furnace, the cleaning and inspection of castings. A study of welding equipment; safety practices, jigs, inspection and testing of welds. Lectures and demonstrations accompany this work.

Mr. Couch Mr. Meeks

In En 201—Metal Processes—2 cr. (0 and 6)

A study of metal cutting processes, including the possibilities and limitations in machine tool operation, job order, lot intermittent and mass production principles. The work is covered by lecture and shop practice with the fundamental machine and hand tools. *Prerequisite*: D D 106, Math 103, In En 101

Mr. Freeman

In En 202—Wood Processes—2 cr. (0 and 6)

A study of the most suitable materials, hand and machine tools used in the construction of wood patterns. The fundamental processes involved in the fashioning of typical patterns, keeping in mind the relations of the allied department, particularly those of the foundry.

Mr. Brock Mr. Banister Mr. Marshall

In En 301—Advanced Woodwork—1 cr. (0 and 3)

An elective course in furniture and cabinet making.

Mr. Marshall

In En 205—Construction Materials—2 cr. (2 and 0)

A study of the sources of materials used in industry; a study of wood, concrete, ferrous alloys, non-ferrous materials, brick, tile, and other building materials. This course is designed to help the engineer to select the proper material for any given job.

Mr. Couch

In En 302—Welding—2 cr. (1 and 3)

A study of the identification and weldability of metals; the equipment used; safe practices; welding materials and supplies; pre-treatment and after-treatment of welds; jigs and fixtures; inspection and testing; the cost of welding. *Prerequisite*: In En 101

Mr. Couch

MATHEMATICS

Mr. Hunter	Mr. Sheldon	Mr. Stanley
Mr. Martin	Mr. Bell	Mr. Stuart
Mr. Coker	Mr. Brewster	Mr. Brown
Mr. Edwards	Mr. Kirkwood	Mr. Burnette
Mr. LaGrone	Mr. Miller	Mr. Kelly
Mr. Armstrong	Mr. Milner	Mr. Sullivan

Math 10—Remedial Mathematics—Non-credit (5 and 0)

Required of all entering freshmen who fail to make a satisfactory grade on the placement examination in mathematics.

An intensified review of the basic principles of high school mathematics which are prerequisite for the study of college mathematics.

Mathematics Staff

Math 101—Algebra—3 cr. (3 and 0)

A study of elementary college algebra including the fundamental operations, factoring and fractions, equations, ratio and proportion, functions and their graphs, exponents, radicals, quadratic equations. *Prerequisite*: A satisfactory grade on the placement examination

Mathematics Staff

Math 102—Trigonometry (Plane)—3 cr. (3 and 0)

A study of the trigonometric functions, the solution of right and

oblique triangles, trigonometric identities, trigonometric equations, graphs of the trigonometric functions, inverse trigonometric functions. *Prerequisite*: A satisfactory grade on the placement examination.

MATHEMATICS STAFF

MATH 103—FRESHMAN MATHEMATICS—5 cr. (5 and 0)

A six weeks' study of elementary algebra up to and including quadratic equations followed by twelve weeks of plane trigonometry. *Prerequisite*: A satisfactory grade on the placement examination.

MATHEMATICS STAFF

MATH 104—FRESHMAN MATHEMATICS—5 cr. (5 and 0)

Six weeks of algebra including systems of quadratic equations, progressions, the binomial theorem, complex numbers, determinants, partial fractions, followed by twelve weeks of analytic geometry including the straight line, the conics, transformation of coordinates, equations and their loci. *Prerequisite*: Math 103

MATHEMATICS STAFF

MATH 201—DIFFERENTIAL CALCULUS—3 cr. (3 and 0)

A short course in the differentiation of algebraic and transcendental functions, maxima and minima, curve tracing. *Prerequisite*: Math 104

MR. EDWARDS MR. STEWART

MATH 202—INTEGRAL CALCULUS—3 cr. (3 and 0)

A short course in the integration of simple functions, the definite integral, areas, volumes, lengths of lines. *Prerequisite*: Math 201

MR. BELL MR. STANLEY

MATH 203—DIFFERENTIAL CALCULUS—5 cr. (5 and 0)

A study of differentiation and its application to maxima and minima problems, curve tracing, curvature, rates, differentials. *Prerequisite*: Math 104

MATHEMATICS STAFF

MATH 204—INTEGRAL CALCULUS—5 cr. (5 and 0)

A study of integration and its application to areas, volumes, lengths of curves, multiple integration, engineering problems. *Prerequisite*: Math 203

MATHEMATICS STAFF

MATH 301—ADVANCED ALGEBRA—3 cr. (3 and 0)

An advanced treatment of ratio and proportion, variation, progressions, surds, imaginary quantities, equations, permutations, binomial and multinomial expansions, inequalities. *Prerequisite*: Math 104

MR. STANLEY

MATH 302—ADVANCED ALGEBRA—3 cr. (3 and 0)

A continuation of Math 301 including series, partial fractions, indeterminate equations, theory of numbers, determinants, probability, theory of equations. *Prerequisite*: Math 301

MR. STANLEY

MATH 303—MATHEMATICAL BASIS OF STATISTICS—3 cr. (3 and 0)

A study of ratios, frequencies, averages, indices, dispersion, trends, correlation, curve fitting, and the derivation of some formulas. *Prerequisite*: Math 203 and an elementary course in Statistics

MR. EDWARDS

MATH 304—SPHERICAL TRIGONOMETRY AND SOLID ANALYTIC GEOMETRY —3 cr. (3 and 0)

Development and use of the formulas relating to triangles formed by great circles on a sphere. An introduction to lines, planes, surfaces, transformation of co-ordinates, the general equation of the second degree, and properties of quadrics. *Prerequisite*: Math 103 and Math 104

MR. KIRKWOOD

MATH 305—INTERMEDIATE CALCULUS—3 cr. (3 and 0)

A short review of the theory of differentiation and integration followed by a study of parametric equations, polar equations, curvature, theorem

of mean value, reduction formulas, series, expansion of functions, averages, hyperbolic functions, some solid analytic geometry, partial differentiation, multiple integrals. *Prerequisite*: Math 204

Mr. LaGrone Mr. Brewster

Math 306—Ordinary Differential Equations—3 cr. (3 and 0)

Differential equations of the first order and first degree, equations of the first order but not of the first degree, linear differential equations, applications to physics and engineering. *Prerequisite*: Math 204

Mr. Sheldon Mr. Coker Mr. Stanley

Math 401—College Geometry—3 cr. (3 and 0)

Theorems and concepts more advanced than those of high-school geometry. Detailed treatment of the various properties of the triangle, including the notable points, lines, and circles associated with it. *Prerequisite*: Math 104

Mr. Kelly

Math 402—Theory of Equations—3 cr. (3 and 0)

Complex numbers, rational integral equations, symmetric functions, determinants, systems of linear equations. *Prerequisite*: Math 104

Mr. Brown

Math 451—Vector Analysis—3 cr. (3 and 0)

A study of the algebra and calculus of vectors in two and three dimensions with applications to physics, geometry and engineering problems. *Prerequisite*: Math 204

Mr. Coker

Math 453—Advanced Calculus—3 cr. (3 and 0)

A more extensive study of the differential and integral calculus than is given in the intermediate course with emphasis on applications and an introduction to theoretical questions. Topics include: power series, partial differentiation, implicit functions, the definite integral. *Prerequisite*: Math 204 and Math 305

Mr. Coker Mr. Miller

MATH 454—ADVANCED CALCULUS—3 cr. (3 and 0)

A continuation of Math 453. Topics include: Gamma and Beta functions; line, surface, and space integrals; Bessel functions; partial differential equations; calculus of variations; introduction to functions of a complex variable. *Prerequisite*: Math 453

MR. COKER MR. MILLER

MECHANICAL ENGINEERING

MR. FERNOW

MR. SAMS MR. LEWIS MR. FREEMAN

MR. DEWEY MR. WATSON MR. SUTTON

MR. BALLARD

M E 211—MECHANICAL ENGINEERING—2 cr. (2 and 0)

A study of the fundamentals of steam power, boilers, fuels, combustion and auxiliary equipment, gas power, internal combustion engines, auxiliary apparatus and related equipment.

MECHANICAL ENGINEERING STAFF

M E 213—ENGINEERING PROBLEMS—1 cr. (0 and 3)

To develop neatness, self-confidence, and an analytical approach to the solution of engineering problems. A review of logarithms; fundamentals of the slide rule and its application to practical engineering problems; an introduction to steam tables with practical problems in steam. *Prerequisite*: Math 101, 102, 103, 104

MECHANICAL ENGINEERING STAFF

M E 302—MECHANICAL ENGINEERING—3 cr. (3 and 0)

Elements of steam and gas power plants including fuels and combustion, gas and vapor processes and cycles, properties of air and steam, steam and gas engines, turbines, auxiliaries, and refrigeration. *Prerequisite*: Phys 211, 212

MR. FREEMAN

M E 304—MECHANICAL ENGINEERING LABORATORY—1 cr. (0 and 3)

Study and calibration of weight, pressure, area, and fluid flow measuring devices. Testing of pumps, engines, fans, and compressors. *Prerequisite*: Enrollment in M E 302

MR. FREEMAN

M E 305—Heat Power—3 cr. (3 and 0)

A study of elementary thermodynamics, perfect gas laws, gas cycles, internal combustion engines, air compression and refrigeration, flow of gases, combustion, and actual gases. *Prerequisite*: Math 203 and 204, Phys 211 and 212

Mr. Ballard

M E 306—Heat Power—3 cr. (3 and 0)

A continuation of M E 305. Subjects covered include properties of steam and ammonia, vapor processes and cycles, power plant apparatus and auxiliaries, refrigeration, vapor gas mixtures and heat transfer. *Prerequisite*: M E 305

Mr. Ballard

M E 308—Heat Power Laboratory—1 cr. (0 and 3)

The study and calibration of weight, pressure, area, and fluid flow measuring devices; flue gas analysis, power plant piping, lifting devices, centrifugal pump, and heat transfer. *Prerequisite*: M E 305 and enrollment in M E 306

Mechanical Engineering Staff

M E 311—Heat Power—3 cr. (3 and 0)

A course including instruction in elementary steam and gas engine power plant apparatus and auxiliaries, fuels, combustion, operating cycles, boilers, engines, turbines, condensers, pumps, fans, and heaters. *Prerequisite*: Math 203, 204; Phys 211, 212; M E 211, 213

Mr. Sutton

M E 312—Heat Power—3 cr. (3 and 0)

A thorough study of thermodynamics with special reference to applications in engineering. Processes of gases and vapors, vapor power cycles, gas and air cycles, fluid flow, refrigeration, combustion and available energy in general are topics covered. *Prerequisite*: M E 311

Mr. Dewey

M E 313—Heat Power Laboratory—1 cr. (0 and 3)

Study and calibration of weight, pressure, area, and fluid flow measuring devices, flue gas, and liquid fuel analysis, triplex pump, powerhouse piping and auxiliaries, friction test on steam engine and internal combustion engine. *Prerequisite*: Enrollment in M E 311

Mechanical Engineering Staff

M E 314—Heat Power Laboratory—1 cr. (0 and 3)

Practical work in connection with coal analysis, tests of lifting devices, ram, injector, centrifugal pump, calorimeters, and study of water plant. *Prerequisite*: M E 313

Mechanical Engineering Staff

M E 407—Mechanical Laboratory—1 cr. (0 and 3)

A study of the performance tests of steam turbines, blowers, Diesel engines, unaflow engines, air compressors and hydraulic turbines. *Prerequisite*: M E 306, 308

Mechanical Engineering Staff

M E 411—Heat Power—3 cr. (3 and 0)

Organization of steam, Diesel and hydro power plants with reference to the design and performance characteristics of the individual pieces of apparatus involved, variable load, costs, and economics. Buildings and foundations are briefly covered. *Prerequisite*: M E 312

Mr. Fernow

M E 412—Heat Power—3 cr. (3 and 0)

A continuation of M E 411, stressing the design, arrangement and economic justification of the boilers, prime movers, condensers, fuel handling equipment, stokers, pulverized fuel equipment, combustion, refuse handling equipment, fans, chimneys, water treatment, water heaters and deaerators, pumps, feed water regulation and the piping system design and layout. *Prerequisite*: M E 411

Mr. Sams

M E 413—Heat Power Laboratory—2 cr. (0 and 6)

A practical application of the theory covered in M E 411. Performance tests of steam turbines, blowers, pumps, boilers, refrigeration plants, and hydraulic turbines are studied. *Prerequisite*: M E 314 and enrollment in M E 411

Mechanical Engineering Staff

M E 414—Heat Power Laboratory—2 cr. (0 and 6)

A continuation of M E 413, including performance tests on spark ignition and compression ignition internal combustion engines, unaflow steam engine, air compressors, boiler feed pump and heater and lubricating oils.

Mechanical Engineering Staff

M E 417—Design—2 cr. (1 and 3)

The solution of a variety of engineering problems under guidance to familiarize the student with the kind of work he may be called on to do after his first induction into industry. Completeness and orderly and logical work are stressed. *Prerequisite*: Enrollment in M E 411

Mechanical Engineering Staff

M E 418—Design—2 cr. (1 and 3)

A continuation of M E 417. *Prerequisite*: Enrollment in M E 412

Mechanical Engineering Staff

M E 420—Administration—3 cr. (3 and 0)

Instruction in the principles of organizing, financing, and incorporating business enterprises; organization of the manufacturing establishment; buying and selling; contracts, accounting; management problems. *Prerequisite*: Senior standing

Mr. Earle

M E 421—Gas Engines—3 cr. (3 and 0)

Theoretical and actual cycles, performance characteristics, fuels, combustion, cooling, dynamics, ignition and injection of the two and four stroke cycle spark ignition and compression ignition engine. *Prerequisite*: M E 311 and 312

Mr. Lewis

M E 423—Gas Engine Design—1 cr. (0 and 3)

Limits and requirements in the design of both air cooled and liquid cooled spark ignition and compression ignition engines, the principle of similitude, detail design and sketching of the engine parts and an assembly drawing of an engine. *Prerequisite*: D D 306, M E 311 and 312

Mr. Lewis

M E 426—Steam Turbines—3 cr. (3 and 0)

Structural features, performance, and design of all types of steam turbines. *Prerequisite*: M E 312

Mr. Fernow

M E 428—Turbine Design—1 cr. (0 and 3)

Complete design of nozzle and blade elements of impulse and reaction steam turbines. *Prerequisite*: Enrollment in M E 426

Mr. Fernow

M E 429—Heating and Ventilation—2 cr. (2 and 0)

A study of the principles of heating and ventilation with emphasis on the following topics: factors affecting human comfort, the theory of heat transfer and the calculation of heat transmission coefficients, heat losses from buildings, heating load, fuels and combustion, heat disseminators, heating boilers and their accessories and auxiliaries, steam heating, and hot water heating systems. *Prerequisite*: M E 305 or M E 311

Mr. Watson

M E 430—Air Conditioning—2 cr. (2 and 0)

A study of the principles of air conditioning embodied in air distribution and air cleaning, humidification and dehumidification, warm air heating systems, cooling systems, automatic control apparatus, unit heaters, and unit air conditioners. *Prerequisite*: M E 312 or M E 306

Mr Watson

M E 431—Heating and Ventilation Design—1 cr. (0 and 3)

To offer practical application of the theory covered in M E 429 in the design of heating and ventilation systems for specific conditions. *Prerequisite*: Enrollment in M E 429

Mr. Watson

M E 432—Air Conditioning Design—1 cr. (0 and 3)

To provide practical application of the theory covered in M E 430 in the design of air conditioning systems. *Prerequisite*: Enrollment in M E 430

Mr. Watson

M E 433—Elementary Aerodynamics—2 cr. (2 and 0)

Physical properties of air, effects of deflecting air streams, air flow, airfoils, drag, power plants, propellers, control surfaces and stability; performance at sea level and at altitude. Calculations are made for an airplane to determine its performance at sea level and at altitude, including take off and landing distance, endurance, range and load during turns. *Prerequisite*: Mech 304

Mr. Sams

M E 434—Refrigeration—2 cr. (2 and 0)

Underlying thermodynamics of refrigeration and design and operating characteristics of compression and absorption systems. Ice making and cold storage. *Prerequisite*: M E 312

Mr. Watson

MECHANICS AND HYDRAULICS

Mr. Curtis

Mr. Humphreys Mr. Lever Mr. Harley

Mech 302—Mechanics (Statics)—3 cr. (3 and 0)

An elementary technical study of force systems and their action on rigid bodies at rest, devoted to development of facility in free body analysis. Topics also considered are center of gravity, moment of inertia of areas, and friction. *Prerequisite*: Math 204, Phys 211

Mechanics and Hydraulics Staff

MECH 303—MECHANICS (KINETICS)—3 cr. (3 and 0)

A continuation of Mech 302. Analytical kinematics and the effects of forces in producing motion of rigid bodies are major considerations. Among the principal topics, whose engineering applications are developed, are: Second Law of Motion for translation and rotation; work, energy, and power; impulse and momentum. *Prerequisite*: Mech 302

MECHANICS AND HYDRAULICS STAFF

MECH 304—MECHANICS OF MATERIALS—3 cr. (3 and 0)

To acquaint students with certain physical constants and stresses in structural members and machine parts, and to illustrate rational derivation of formulas for internal stresses. Among topics covered are: Deformation and stress; torsion; riveted joints; flexure and deformation of beams; combined stresses in short blocks; columns. *Prerequisite*: Mech 302

MECHANICS AND HYDRAULICS STAFF

MECH 305—MECHANICS OF MATERIALS LABORATORY—1 cr. (0 and 3)

A laboratory course planned for students in certain branches designed to illustrate points and principles considered in Mech 304. *Prerequisite*: Must be accompanied, or preceded by Mech 304

MECHANICS AND HYDRAULICS STAFF

MECH 306—GRAPHIC STATICS—1 cr. (0 and 3)

Graphical analysis of force systems and of stresses in statically determinate frames. Given for students in certain branches. *Prerequisite*: Must be accompanied, or preceded by Mech 302

MECHANICS AND HYDRAULICS STAFF

MECH 401—FLUID MECHANICS—3 cr. (3 and 0)

A study of the forces on fluids at rest and in motion together with consideration of various flow measurement devices and of power developing and using units. Among the items considered are: Hydrostatic pressure and devices for measuring it; hydraulic similitude; measurements of flow by orifices, weirs, and various meters; flow in pipes; open channels; turbines and pumps. *Prerequisite*: Mech 303 (for Civil Engineering Majors, Mech 302)

MR. CURTIS MR. HUMPHREYS

MECH 403—FLUID MECHANICS LABORATORY—1 cr. (0 and 3)

A laboratory course for students in certain branches to illustrate the principles of Mech 401. Also special exercises are given in stream gaging, drainage area study, runoff, and rainfall. *Prerequisite*: Must be accompanied, or preceded by Mech 401

MECHANICS AND HYDRAULICS STAFF

MILITARY SCIENCE

COL. THACKSTON

LT. COL. CROSBY	M/SGT. DAVIS	T/SGT. DEJANOVICH
MAJ. DAVIS	M/SGT. FORTNER	T/SGT. HUTSON
MAJ. BYERTS	M/SGT. GELINA	S/SGT. BOUGARD
MAJ. MANNING	M/SGT. O'CALLAGHAN	S/SGT. CARTER
MAJ. RANKIN	1ST/SGT. GRUNEWALD	S/SGT. O'FALLON
MAJ. HALL	1ST/SGT. LACEY	SGT. FRANKS
CAPT. SALVO	1ST/SGT. MEDLOCK	SGT. BEHELER
CAPT. BROWN	1ST/SGT. WILLIAMS	PVT. MARLOW
CAPT. HUENERS	T/SGT. COX	

M S 101—MILITARY DRILL—1 cr. (0 and 3)

Training in customs, discipline, and leadership to prepare and develop cadets for duties as junior non-commissioned officers. Principal topics are principles of discipline; customs of the Army; wearing of the uniform; conduct of non-commissioned officers; purpose of drill; drill of the soldier with and without arms; squad and platoon drill; parades, reviews, inspections, and other ceremonies.

MILITARY STAFF

M S 102—MILITARY DRILL—1 cr. (0 and 3)

Continuation of M S 101.

MILITARY STAFF

M S 103—MILITARY SCIENCE AND TACTICS (ELEMENTARY)—2 cr. (2 and 0)

Training to instill discipline and habitual obedience to orders, to develop qualities of leadership and good citizenship, and to provide basic military instruction. Principal topics are military organization, National Defense Act and the ROTC, and weapons and marksmanship.

MAJOR MANNING

M S 104—Military Science and Tactics (Elementary)—2 cr. (2 and 0)

Continuation of M S 103. Principal topics are world military situation, hygiene and first aid, and maps and aerial photographs. *Prerequisite*: M S 103.

Major Manning

M S 201—Military Drill—1 cr. (0 and 3)

Continued training in customs, discipline and leadership to prepare and develop cadets for duties as senior non-commissioned officers and for integration into the Advanced ROTC. Principal topics are principles of discipline; military courtesy; customs of the Army; drill of the soldier, with and without arms; squad and platoon drill; voice commands; parades, reviews, inspections and other ceremonies.

Military Staff

M S 202—Military Drill—1 cr. (0 and 3)

Continuation of M S 201.

Military Staff

M S 203—Military Science and Tactics (Elementary)—2 cr. (2 and 0)

Continued training to instill discipline and habitual obedience to orders, and to provide further instruction in basic military subjects prerequisite to the specialized training of the Advanced course. Principal topics are world military situation, military law and boards, and maps and aerial photographs. *Prerequisite*: M S 104.

Captain Brown Captain Hueners

M S 204—Military Science and Tactics (Elementary)—2 cr. (2 and 0)

Continuation of M S 203. Principal topics are physical development methods, evolution of warfare, and military administration. *Prerequisite*: M S 203.

Captain Salvo Captain Hueners

M S 301—Military Drill—1 cr. (0 and 3)

Training for duty as officers by application of principles of leadership in actual command during drills, parades, reviews, inspections, and ceremonies.

Military Staff

M S 302—Military Drill—1 cr. (0 and 3)

Continuation of M S 301.

Military Staff

M S 303—Military Science and Tactics (Infantry)—5 cr. (5 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques employed by the Infantry. Principal topics are military leadership, psychology and personnel management; military law and boards; and tactics and technique as applies to small infantry units. *Prerequisite*: M S 204.

Lt. Col. Crosby

M S 304—Military Science and Tactics (Infantry)—5 cr. (5 and 0)

Continuation of M S 303. Principal topics are occupied territories; military problems of the United States; and continued training in tactics and technique as applies to small Infantry units. *Prerequisite*: M S 303

Lt. Col. Crosby

M S 305—Military Science and Tactics (Quartermaster)—5 cr. (5 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques utilized by the Quartermaster Corps. Principal topics are military leadership, psychology and personnel management; military law and boards; and tactics and techniques as applies to Quartermaster Corps Units. *Prerequisite*: M S 204

Major Hall

M S 306—Military Science and Tactics (Quartermaster)—5 cr. (5 and 0)

Continuation of M S 305. Principal topics are occupied territories;

military problems of the United States; and continued training in tactics and techniques as applies to Quartermaster Corps Units. *Prerequisite*: M S 305

MAJOR HALL

M S 307—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—5 cr. (5 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques utilized by the Signal Corps. Principal topics are military leadership, psychology, and personnel management; military law and boards; and tactics and techniques as applies to Signal Corps Units. *Prerequisite*: M S 204

MAJOR DAVIS

M S 308—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—5 cr. (5 and 0)

Continuation of M S 307. Principal topics are occupied territories; military problems of the United States; and continued training in tactics and techniques as applies to Signal Corps Units. *Prerequisite*: M S 307

MAJOR DAVIS

M S 309—AIR SCIENCE AND TACTICS—5 cr. (5 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with subjects peculiar to the Army Air Forces. Principal topics are military leadership, psychology and personnel management; military law and boards; history of the AAF; organization of the AAF; administration and personnel management; AAF training; AAF inspection systems; AAF statistical control methods. *Prerequisite*: M S 204; Junior standing

MAJOR BYERTS CAPTAIN SALVO

M S 310—AIR SCIENCE AND TACTICS—5 cr. (5 and 0)

Continuation of M S 309. Principal topics are occupied territories; military problems of the United States; air intelligence and combat orders; AAF supply; transportation; navigation; aeronautics; chemical warfare; camouflage; communications; and guided missiles. *Prerequisite*: M S 309

MAJOR BYERTS

M S 333—Military Science and Tactics (Branch Immaterial)—4 cr. (4 and 0)

Theoretical and practical training in military organization; weapons and their combined action; disciplinary and combat training; leadership and training methods applicable to all arms and services, with a view toward preparation for specialized instruction during the senior year. *Prerequisite*: M S 204

Major Rankin

M S 334—Military Science and Tactics (Branch Immaterial)—4 cr. (4 and 0)

Continuation of M S 333.

Major Rankin

M S 401—Military Drill—1 cr. (0 and 3)

Continued training of officers by application of instruction methods and principles of leadership in positions of command during drills, parades, reviews, inspections, and ceremonies.

Military Staff

M S 402—Military Drill—1 cr. (0 and 3)

Continuation of M S 401.

Military Staff

M S 403—Military Science and Tactics (Infantry)—5 cr. (5 and 0)

Theoretical and practical instruction in command, leadership, combat principles and development of initiative and responsibility for qualification as junior officers of the Infantry arm. Principal topics are military teaching methods, geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques of Infantry to include crew-served weapons. *Prerequisite*: M S 304

Major Rankin

M S 404—Military Science and Tactics (Infantry)—5 cr. (5 and 0)

Continuation of M S 403. Principal topics are command and staff functions, psychological warfare, combined and joint operations and con-

tinued training in the tactics and techniques of Infantry to include new developments of clothing, equipment, and employment of the Infantry. *Prerequisite*: M S 403

MAJOR RANKIN

M S 405—MILITARY SCIENCE AND TACTICS (QUARTERMASTER)—5 cr. (5 and 0)

Theoretical and practical instruction in command, leadership, combat principles, and development of initiative and responsibility for qualificaton as junior officers of the Quartermaster Corps. Principal topics are military teaching methods, geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques employed by the Quartermaster Corps in execution of their assigned mission. *Prerequisite*: M S 306

MILITARY STAFF

M S 406—MILITARY SCIENCE AND TACTICS (QUARTERMASTER)—5 cr. (5 and 0)

Continuation of M S 405. Principal topics are command and staff functions, psychological warfare, combined and joint operations and continued training in the tactics and techniques peculiar to the Quartermaster Corps. *Prerequisite*: M S 405

MILITARY STAFF

M S 407—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—5 cr. (5 and 0)

Theoretical and practical instruction in command, leadership, combat principles and development of initiative and responsibility for qualification as junior officers of the Signal Corps. Principal topics are geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques of the Signal Corps in the execution of their assigned mission. *Prerequisite*: M S 308

MILITARY STAFF

M S 408—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—5 cr. (5 and 0)

Continuation of M S 407. Principal topics are command and staff functions, psychological warfare, combined and joint operations and continued training in the tactics and techniques employed by the Signal Corps. *Prerequisite*: M S 407

MILITARY STAFF

M S 409—Air Science and Tactics—5 cr. (5 and 0)

The content of this course has not been released by the Army Air Forces; however, indications are that the several colleges in the Air ROTC program will be requested to prepare potential officers in one or more of the specific ground duties related to the Air Forces.

Air Staff

M S 410—Air Science and Tactics—5 cr. (5 and 0)

Continuation of M S 409.

Air Staff

MUSIC

Mr. McGarity

Music 402—Music Appreciation—3 cr. (3 and 0)

This course is a comprehensive study of the history of music and factors leading toward the understanding of better music. Records and piano renditions of representative literature of outstanding composers will be offered. This course is required for all students in Education, Vocational Agricultural Education, and Industrial Education.

Mr. McGarity

PHYSICS DEPARTMENT

Mr. Huff

Mr. Godfrey	Mr. Barre	Mr. Shackelford
Mr. Lindsey	Mr. Martin	Mr. Wood
Mr. Menius	Mr. Mitchell	Mr. Askey
Mr. Reed		Mr. Clark

Phys 201—General Physics—3 cr. (3 and 0)

A study of mechanics and heat including the laws of motion, equilibrium, machines, mechanical and thermal properties of solids, liquids, and gases, thermometry and heat transfer. *Prerequisite*: Registration in Phys 203

Physics Staff

PHYS 202—GENERAL PHYSICS—3 cr. (3 and 0)

A continuation of the previous course covering wave motion, sound, geometrical optics, light waves and spectra, magnetism, static and current electricity, circuits, and electrical machines. *Prerequisites*: Phys 201; registration in Phys 204

PHYSICS STAFF

PHYS 203—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

Experiments testing the laws studied in Phys 201, giving experience in measuring the physical properties of matter and practice in the use of precision instruments and the treatment of observed data. *Prerequisite*: Registration in Phys 201

PHYSICS STAFF

PHYS 204—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

Experiments with sound waves, lenses, refraction and diffraction of light, magnetic fields, electrical circuits, measurements with electrical instruments. *Prerequisite*: Registration in Phys 202

PHYSICS STAFF

PHYS 211—GENERAL PHYSICS—4 cr. (4 and 0)

This course covers the same topics as Phys 201 but with more emphasis on the solution of problems and applications to engineering. *Prerequisites*: Math 103 and 104; registration in Phys 213

PHYSICS STAFF

PHYS 212—GENERAL PHYSICS—4 cr. (4 and 0)

A continuation of Phys 211 covering the same topics as Phys 202 with emphasis on application to engineering problems. *Prerequisites*: Math 103 and 104; registration in Phys 214

PHYSICS STAFF

PHYS 213—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

The same topics are covered as in Phys 203 but more precise apparatus is provided and more advanced experiments are performed. *Prerequisite*: Registration in Phys 211

PHYSICS STAFF

PHYS 214—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

A continuation of Phys 213 with emphasis on the accurate measurement of electrical quantities and the properties of light. *Prerequisite*: Registration in Phys 212

PHYSICS STAFF

PHYS 301—INTRODUCTION TO MODERN PHYSICS—3 cr. (3 and 0)

A continuation of the General Physics course to cover the important experiments of the current century, including the measurement of the properties of electrons, and other particles, and an introduction to the theories based on these experiments. *Prerequisites*: Phys 201 and 202 or 211 and 212. Math 203 and 204

MR. HUFF

PHYS 303—EXPERIMENTS IN MODERN PHYSICS—1 cr. (0 and 3)

Measurements of the charge and mass of the electron, studies of thermo- and photo-electric effects, measurements with radioactive materials and with X-rays. *Prerequisite*: Registration in Phys 301

MR. HUFF

PHYS 304—DESCRIPTIVE ASTRONOMY—3 cr. (3 and 0)

A survey of the properties of the planets and their satellites, their actual and apparent motions, the properties of stars and nebulae, and introduction of the determination of latitude and longitude.

MR. HUFF

PHYS 308—SOUND AND ACOUSTICS—3 cr. (3 and 0)

A study of the production, propagation, properties and measurement of sound waves with emphasis on the acoustics of buildings. *Prerequisites*: Phys 201 and 202 or 211 and 212; registration in Math 201 or 203

MR. WOOD

PHYS 312—HEAT AND KINETIC THEORY—3 cr. (3 and 0)

Instruction in thermometry, calorimetry, change of state, kinetic theory of gases and elements of thermodynamics with emphasis on chemical applications. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. LINDSEY

PHYS 314—EXPERIMENTAL HEAT—2 cr. (0 and 6)

Practical instruction in the measurement of high and low temperatures, thermal properties of solids, liquids, and gases; heats of combustion, heat conduction and radiation. *Prerequisite*: Registration in Phys 312

MR. LINDSEY

PHYS 321—MECHANICS AND PROPERTIES OF MATTER—3 cr. (3 and 0)

A study of the motions of particles and of rigid bodies, gyroscopes, elasticity, surface tension, the flow of fluids, gravitation. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. HUFF

PHYS 323—EXPERIMENTAL MECHANICS—2 cr. (0 and 6)

Practice in the precise measurements of length, mass, and time; experiments with pendulums, gyroscopes, and other mechanical apparatus. *Prerequisites*: Registration in Phys 321

MR. HUFF

PHYS 332—LIGHT—3 cr. (3 and 0)

Introduction in the formation of images by lenses and mirrors and the design of optical instruments; theory of interference and diffraction of light waves, polarization; applications to spectroscopy and precision measurement. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. MARTIN

PHYS 334—EXPERIMENTAL LIGHT—2 cr. (0 and 6)

Measurements of the properties of lens systems and the defects of the images produced, the effects of slits on light waves, measurements with a spectrograph, use of the interferometer, polarimetry. *Prerequisites*: Registration in Phys 332

MR. MARTIN

PHYS 341—MAGNETISM AND ELECTRICITY—3 cr. (3 and 0)

A study of the magnetic and electrical properties of materials, electrical circuits, properties of electromagnetic fields, electromagnetic waves. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. LINDSEY

PHYS 343—EXPERIMENTAL ELECTRICITY—2 cr. (0 and 6)

Measurements with precision electrical instruments including bridges and potentiometers; low and high frequency circuits; standing waves on wires. *Prerequisite*: Registration in Phys 341

MR. LINDSEY

PHYS 452—ATOMIC AND NUCLEAR PHYSICS—3 cr. (3 and 0)

Elementary development in quantum theory; applications to electron arrangements in atoms, molecular beams, atomic and molecular spectra; considerations of nuclear structure, fission and atomic energies. *Prerequisite*: Phys 301, completion of two of the courses Phys 312, 321, 332, 341

MR. MENIUS

PHYS 464—INTRODUCTION TO MATHEMATICAL PHYSICS—3 cr. (3 and 0)

A study of the mathematical disciplines common to various branches of physics with emphasis on the mathematical similarity of the treatment of apparently unrelated problems in classical physics. *Prerequisites*: Phys 301, completion of two of the courses Phys 312, 321, 332 and 341

MR. MENIUS

POULTRY HUSBANDRY

MR. MORGAN

P H 301—FARM AND COMMERCIAL POULTRY PRODUCTION—4 cr. (3 and 3)

A study of the nature and uses of poultry products, scope of the industry and agencies involved, classification of poultry, structure of the fowl, fundamentals of flock improvement, incubation, brooding, feeding, housing, disease control and sanitation, and the economic aspects of poultry production as a farm enterprise and a commercial business.

MR. MORGAN

P H 451—POULTRY BREEDING—3 cr. (2 and 3)

A study of poultry improvement through culling and selection for meat and egg production and standard breed and variety characteristics, and the application of genetics to the problems of poultry breeding. *Prerequisites*: P H 301 and Dairy 301

MR. MORGAN

P H 452—Poultry Feeding and Flock Management—3 cr. (2 and 3)

A study of the nutritive requirements of poultry, dietary deficiencies and curative factors, the compounding of rations for growing, laying and breeding flocks of chickens and turkeys, the value of various feedstuffs and management practices with chickens and turkeys for maximum economic returns. *Prerequisite*: A H 301, P H 301

Mr. Morgan

P H 455—Poultry Grading and Processing—3 cr. (2 and 3)

A study of the classes, grades and judging of market poultry and poultry products, and the preparation, packaging, processing, storage and freezing preservation of eggs and poultry for market. *Prerequisite*: P H 301

P H 456—Incubation and Brooding—3 cr. (2 and 3)

A study of the principles and practices of incubation and brooding of the various species of poultry, hatchery management and commercial broiler production. *Prerequisite*: P H 301

P H 459—Poultry Diseases and Parasites—3 cr. (2 and 3)

A study of the causes, occurrence, symptoms, treatment and prevention of poultry diseases and the identification, life history, symptoms, treatment and prevention of poultry parasites. Sanitary practices on poultry farms and in hatcheries and market establishments, and eradication and control measures for specific diseases and parasites will be considered. *Prerequisites*: P H 301, Bact 301 and V S 401

P H 460—Seminar—2 cr. (2 and 0)

A study and discussion of current research and commercial problems in poultry production and marketing and selected special topics not fully covered in subject matter courses. *Prerequisites*: P H 301 and pursuing major study in Poultry Husbandry

Mr. Morgan and Poultry Staff

PSYCHOLOGY

Mr. Waite

Psych 301—General Psychology—3 cr. (3 and 0)

A survey of the field of psychology: development and adjustment, motivation, emotions, intelligence, personality, the sensory experiences,

perception, learning, thinking, imagination, and mental hygiene. *Prerequisite*: Junior standing

MR. WAITE

PSYCH 302—SOCIAL PSYCHOLOGY—3 cr. (3 and 0)

A study of the interaction between the individual and the forces of society: the classical theories, the psychobiological bases of human behavior, the sociocultural bases of behavior, types of human behavior, overt and covert experiences, symbolism, personality, and social interaction. *Prerequisite*: Psych 301

MR. WAITE

RELIGION

MR. CROUCH

MR. COLE MR. HARDIN

REL 201—OLD TESTAMENT—3 cr. (3 and 0)

An outline study of the Old Testament with special emphasis on the prophets.

MR. HARDIN

REL 203—LIFE OF CHRIST—3 cr. (3 and 0)

A study of the life of Christ beginning with a brief historical background of the world into which Christ came. The purpose of this course is to give a complete chronological picture of the life of Christ.

MR. COLE

REL 305—NEW TESTAMENT OUTLINE—3 cr. (3 and 0)

A study of the background and beginnings of the Christian Movement.

MR. CROUCH

SOCIOLOGY

MR. WAITE *MR. BURTNER MR. POWERS

SOC 301—INTRODUCTORY SOCIOLOGY—3 cr. (3 and 0)

A study of the basic principles of sociology: culture, biological factors, the influence of geographical environment, human nature, group life,

* On leave.

crowds, publics, social classes, cooperation, competition, conflict, accommodation, assimilation, human ecology, communities, social institutions, and social change. *Prerequisite*: Junior standing

Sociology Staff

Soc 401—Social Problems—3 cr. (3 and 0)

A survey of the major social problems: Their background, group conflict, race conflict, war, the nature of population problems, social problems of industry, education, religion, disease and public health, poverty, dependency, and factors affecting social adjustment. *Prerequisite*: Soc 301

Mr. Burtner

Soc 402—The Family—3 cr. (3 and 0)

An inquiry into the problems of marriage and family life: the history of the family, the sociology of family life, mate selection, and courtship, husband-wife relationships, parents-child interaction, divorce, and conservation of family values. *Prerequisite*: Senior standing

Mr. Waite

Soc 403—Criminology—3 cr. (3 and 0)

A consideration of the major problems of crime and its treatment: causes of crime, criminal behavior, theories and practices in the treatment of criminals, and prevention of crime. *Prerequisite*: Soc 301

Mr. Waite

SPANISH

Mr. Dean

Span 101—Elementary Spanish—3 cr. (3 and 0)

A course for beginners in which through conversation, composition, and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

Mr. Dean

Span 102—Elementary Spanish—3 cr. (3 and 0)

The continuation of Span 101, in which a reader is also used.

Mr. Dean

SPAN 201—INTERMEDIATE SPANISH—3 cr. (3 and 0)

A short review of grammar with conversation, composition, and dictation continued from Span 102 and the beginning of more serious reading of Spanish prose in short stories or novels.

MR. DEAN

SPAN 202—INTERMEDIATE SPANISH—3 cr. (3 and 0)

While attention is paid to writing and speaking Spanish, more stress is laid on the rapid reading of more difficult Spanish prose than in the earlier courses.

MR. DEAN

SPAN 301—ADVANCED SPANISH—2 cr. (2 and 0)

Rapid reading of dfficult literary or scientific Spanish prose.

MR. DEAN

SPAN 302—ADVANCED SPANISH—2 cr. (2 and 0)

This is the continuation of Span 301, with selections being made to suit the needs of the students.

MR. DEAN

TEXTILE CHEMISTRY AND DYEING

MR. LINDSAY

MR. LANGSTON MR. CZARNITZKI

T C 301—TEXTILE CHEMISTRY—2 cr. (2 and 0)

An introductory course for Textile Manufacturing students covering chiefly the structure and behavior of the less complex organic chemicals employed in the textile industry up to and including the simpler carbohydrates. *Prerequisite*: Chem 102

MR. LANGSTON MR. CZARNITZKI

T C 302—TEXTILE CHEMISTRY—2 cr. (2 and 0)

A continuation of T C 301 and 303 covering more complex compounds; starches, cellulose, proteins, dyestuffs, and synthetic fibers and

resins. Much of the laboratory work is devoted to the analysis of such materials as sizes, finishes and fabrics composed of various fiber mixtures. *Prerequisite*: Chem 102

MR. LANGSTON MR. CZARNITZKI

T C 303—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 301.

MR. LANGSTON MR. CZARNITZKI

T C 304—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 302.

MR. LANGSTON MR. CZARNITZKI

T C 305—TEXTILE CHEMISTRY—4 cr. (4 and 0)

A comprehensive course for Textile Chemistry majors covering aliphatic organic compounds with major emphasis on products essential to the textile industry. *Prerequisite*: Chem 102

MR. LANGSTON

T C 306—TEXTILE CHEMISTRY—4 cr. (4 and 0)

A continuation of T C 305 and 307 covering the aromatic compounds with particular attention to the chemistry of dyes and dye intermediates. *Prerequisite*: Chem 102

MR. LANGSTON

T C 307—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 305.

MR. LANGSTON

T C 308—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 306.

MR. LANGSTON

T C 401—The Chemical Processing of Textile Materials—2 cr. (2 and 0)

A general study of the theory and practice involved in the chemical preparation of all types of fibers for textile use from the raw state through to the finished fabric. Such processes as scouring, bleaching, mercerizing, and the less complex dyeing procedures are covered. *Prerequisite*: T C 302 and 304

Mr. Lindsay Mr. Czarnitzki

T C 402—The Chemical Processing of Textile Materials—2 cr. (2 and 0)

A continuation of T C 402 and 404 covering the more advanced dyeing procedures with general coverage of textile printing as well as the many processes involved in textile finishing such as shrink-proofing, flame-proofing, crease resistance, and water repellancy. *Prerequisite*: T C 302 and 304

Mr. Lindsay Mr. Czarnitzki

T C 403—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 401.

Mr. Lindsay Mr. Czarnitzki

T C 404—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 402.

Mr. Lindsay Mr. Czarnitzki

T C 405—Chemical Textile Analysis—2 cr. (1 and 3)

The technical analysis of materials used in the textile industry, including yarns and fabrics, water, sizes, oils and finishes, together with hydrogen ion determinations by colorimetric and potentiometric methods. *Prerequisite*: Chem 216, T C 306 and 308

Mr. Czarnitzki

T C 406—Chemical Textile Analysis—2 cr. (1 and 3)

A continuation of T C 405 with emphasis on the standard methods of identification and analysis of dyes and finishes on fabrics, as well as

the methods of testing for color permanency and finish durability. *Prerequisite*: Chem 216, T C 306 and 308

Mr. Czarnitzki

T C 442—Thesis—2 cr. (0 and 6)

An investigation by each Textile Chemistry senior of an assigned problem related to textile processing. A formal written report is required from each student. *Prerequisite*: Senior standing

Mr. Lindsay

T C 447—The Chemical Processing of Textile Materials—4 cr. (4 and 0)

A course for Textile Chemistry majors similar to T C 401 and 403 except that it is more comprehensive with emphasis on the problems involved in the supervision of a textile finishing plant. *Prerequisite*: T C 306 and 308

Mr. Lindsay

T C 449—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 447.

Mr. Lindsay

T C 452—The Chemical Processing of Textile Materials—4 cr. (4 and 0)

A continuation of T C 447 and 449. *Prerequisite*: T C 306 and 308

Mr. Lindsay

T C 454—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 452.

Mr. Lindsay

T C 455—Cellulose Chemistry—3 cr. (3 and 0)

An introductory course covering the constitution and behavior of cellulose and its derivatives. Particular attention is given to the purification of wood and other raw materials used for the preparation of rayon pulps. *Prerequisite*: T C 306 and 308

Mr. Langston

T C 456—Chemistry of Synthetic Fibers and Finishes—2 cr. (2 and 0)

A study of the chemistry of large molecular substances such as nylon, vinyon, the rayons, and the protein-type synthetics. The varied synthetic resins used for special effects on textiles are covered in detail. *Prerequisite*: T C 306 and 308

Mr. Langston

TEXTILE MANAGEMENT

Mr. Brown
Mr Eaton Mr. Campbell Mr. Graham
Mr. Moore

T M 101—Introduction to Textiles—3 cr. (2 and 3)

An introduction to textile manufacturing. Elementary studies of staple fibers, and machinery involved in converting them into yarns and fabrics.

Textile Management Staff

T M 401—Textile Costing—5 cr. (3 and 6)

A study in the principles of costing as they apply to the manufacture of textiles. Allocating the cost of material, labor and overhead; determining the costs of individual yarns and fabrics; valuing the inventory; making of cost reports and payroll analysis. *Prerequiste*: Seniors majoring in Textiles

Mr. Campbell

T M 403—Textile Management—3 cr. (3 and 0)

The mill and its equipment; control of labor costs; selection of materials; production controls and the use of budgets.

Mr. Eaton

T M 454—Time Study—3 cr. (2 and 3)

Rating method; job analysis; establishing wage scales; group-piece and premium plans.

Mr. Campbell

T M 456—Physical Textile Testing—4 cr. (2 and 6)

This course gives the student a comprehensive understanding of all the important machines and techniques used in physical testing of fibers, yarns, and fabrics. Ample time is devoted to the preparation of microscopic specimens and the use of the microscope in identification and examination of fibers and other textile materials. The applications of testing in modern textile research are stressed. *Prerequisite*: Senior standing

Mr. Brown

VETERINARY SCIENCE

Mr. Feeley

V S 401—Anatomy and Physiology—3 cr. (2 and 3)

The purpose of the course is to give agricultural students a general knowledge of anatomy and physiology of farm animals. Principal topics studied include physiology of digestion, chemical and physical processes of digestion and absorption, common diseases, farm sanitation, and first aid treatment.

Mr. Feeley

V S 402—Diseases of Animals—3 cr. (2 and 3)

A course designed to give agricultural students instruction in the recognition, causes, and treatment of the diseases of farm animals. The principles of etiology, pathology, diagnosis, symptoms, and treatment of infectious and noninfectious diseases are considered at length.

Mr. Feeley

VOCATIONAL AGRICULTURAL EDUCATION

Mr. White	Mr. Duncan	Mr. Strieling
Mr. Bowen	Mr. Monroe	Mr. Kirkley

V A E 101—Orientation—1 cr. (1 and 0)

This course is planned to aid the freshman in adjusting himself to the college environment and his course of study. The principal topics studied are as follows: how to use the library; how to study effectively; how to improve your personality; new rural industries in South Carolina; how to prepare for teaching vocational agriculture.

Mr. Monroe

V A E 201—Introduction to Agricultural Education—1 cr. (1 and 0)

A course that deals with the development of vocational agriculture in the United States. It includes a study of aims and objectives in vocational agricultural education, organization and administration of state and local programs; and the duties of the agriculture teacher are discussed.

Mr. White

V A E 301—Problems in Teaching Vocational Agriculture—3 cr. (3 and 0)

A study of the aims, purposes and objectives of vocational education in agriculture and the basic principles underlying the development of programs of instruction for the various groups of farm people. Problems concerning Future Farmer work, farm shop, fairs, contests and other activities of the agriculture teacher are considered. The use of community services for teaching and the relation of the agriculture teacher to the school and other agencies are considered in this course.

Mr. Monroe

V A E 302—Educational Psychology—3 cr. (3 and 0)

A study of the nature, capacities and equipment of the learner, the role of the environment, the nature and promotion of learning, the growth and maturity of personality and the evaluation of progress in education.

Mr. Stribling

V A E 401—Methods in Agricultural Education—3 cr. (3 and 0)

In this course, problems in teaching vocational agriculture in high school teaching are considered. Some of the problems are as follows: organizing the teaching program; planning the course of study; making lesson plans; conducting field trips; farm shop work; Future Farmer work; supervised practice programs; and visual aids.

Mr. Kirkley

V A E 402—Methods in Agricultural Education—2 cr. (2 and 0)

This course should be taken concurrently with V A E 404. Determining the needs, securing and organizing necessary instructional material, and planning lessons; teaching and supervising the improvement of

the farming practices of part-time, adult farmers or special groups receive major emphasis. The use of surveys, visual aids, publicity, school canneries, shop and other community services are included.

Mr. Bowen

V A E 403—Directed Teaching: All-Day Classes—3 cr. (0 and 9)

The purpose of this course is to develop the ability of prospective teachers to organize courses in vocational agriculture based on community farm problems and practices, to conduct classes in accordance with sound educational principles of teaching, to gain experience in teaching, and to develop confidence in themselves as teachers. During the course, opportunity will be given to observe and teach in nearby high school departments of vocational agriculture, under the supervision of the local teacher and a member of the agricultural education faculty. *Prerequisite*: This course should be taken concurrently with V A E 401.

Agricultural Education Staff

V A E 404—Directed Teaching:Adult Groups—3 cr. (0 and 9)

This course should be taken concurrently with V A E 402. In it farmers' practices are secured and evaluated, pertinent information organized and taught. The supervision of the improvement of the farming practices of adult or special groups of farmers is given careful consideration, as well as teaching farmers to secure and use the cannery, shop and other community services.

Agricultural Education Staff

VOCATIONAL EDUCATION

*Mr. Washington

Mr. Booker Mr. Brock *Mr. Tate

Mr. Monroe

V Ed 101—Orientation—1 cr. (1 and 0)

The purpose of this course is to aid the freshman in adjusting himself to the college environment and his course of study.

Mr. Brock

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* On military leave.

V Ed 301—Observation of Industrial Teaching—1 cr. (0 and 3)

It is the purpose to give the student a practical acquaintance with the duties of the industrial arts teacher, teacher of trade and industrial subjects, and coordinator of diversified occupations programs.

Mr. Brock

V Ed 302—Organization of Trade and Industrial Courses of Study—3 cr. (3 and 0)

A study is made of purpose, scope, and use of job analysis in writing courses of study, writing and using instruction sheets for teaching, constructing achievement tests in industrial subjects. The student is required to select some industrial subject and write a course of study based upon analyses of jobs covered under that subject. Prospective teachers are urged to select subjects which they expect to teach later.

Mr. Brock

V Ed 305—Principles of Secondary Education—3 cr. (3 and 0)

A study is made of characteristics and need of general and vocational education, characteristics of learning, knowledge and thinking ability, motor, moral, and appreciative reactions, choice of subjects and activities, influence of age, maturity, and individual differences, methods of teaching, appraising results of education.

Mr. Booker

V Ed 307—Industrial Laboratory—2 cr. (0 and 6)

It is the purpose to develop an industrial background for the teacher who is to have charge of a comprehensive industrial program in a community where an effort is being made to train young men and adult industrial workers in the individual skills of productive employment in industrial occupations. This will include woodworking, painting, metal working, and drafting, and also the interplay of skills between these as adapted to teaching situations.

Mr. Brock

V Ed 308—Industrial Laboratory—2 cr. (0 and 6)

The student will be required to select his projects, furnish materials, make preliminary plans and sketches for them, and have these approved

by the instructor. At the completion of each project in the laboratory the student will be carefully examined concerning the work he has done.

MR. BROCK

V ED 309—RURAL AND VILLAGE SCHOOL PROBLEMS—3 cr. (3 and 0)

It is the purpose to introduce the student to the problems facing the teacher in rural and small town schools, and from this to determine the qualifications necessary for a successful teacher. A study is made of correlation of the curriculum with the desirable social trends in agricultural and industrial communities, the summer session, transportation problems, special qualifications of teachers.

MR. WHITE

V ED 316—HISTORY AND PHILOSOPHY OF EDUCATION—2 cr. (2 and 0)

A study is made of education in the Orient, early European education, the contributions of Plato, Luther, Locke, Rousseau, Spencer, Herbart, Dewey and others. The development of public education in South Carolina, special attention given to the social significance of the school.

MR. WASHINGTON

V ED 401—COORDINATION METHODS IN VOCATIONAL EDUCATION—2 cr. (2 and 0)

A study is made of the major occupations in the United States and in South Carolina in order that prospective teachers may become informed as to possibilities in them and more intelligently give guidance to high school students. A survey is made of the youth problem, employment trends, general industrial conditions, kind of men industries want, survey of industrial plants, testing for mechanical aptitude, organizing occupations course in high school.

MR. BOOKER

V ED 402—PRACTICE TEACHING IN TRADE AND INDUSTRIAL SUBJECT—5 cr. (2 and 9)

A study is made of organizing class, selection of teaching materials, planning work, discipline, teaching methods, examinations and grading, cooperation with school personnel, records and reports, inventories, and upkeep of equipment. Each student teacher periodically is given an opportunity to teach some industrial subject. During his teaching period,

he is responsible for his class just as if he were an employed teacher of that subject, including conforming to the high school schedule and registration period.

Mr. Brock

V Ed 411—Practice Teaching in High School Subjects—3 cr. (0 and 9)

Supervised practice teaching is given in general science, chemistry, mathematics, civics, etc., in order to develop skill in the best methods of teaching these subjects. (Enrollment is by individual approval and may be dependent upon observing the high school schedule including registration, etc.) A study is made of selection of subject matter, planning work, methods of teaching, examinations, grading, discipline, cooperation with school personnel, records, and reports.

Mr. Brock

V Ed 415—Administration of Vocational and Other Schools—2 cr. (2 and 0)

A course to acquaint the prospective teacher with modern administration technique in public education. Topics covered include: The public school curriculum, the administration of vocational departments, the duties of the principal and his relationship to the school board. Attention will also be given to certain legal phases of school administration.

V Ed 420—Educational and Vocational Guidance—3 cr. (3 and 0)

A study is made of need, meaning, basic assumptions, aims and objectives of guidance; general methods of investigation; use of school records, explanatory activities, tests, estimates of personality traits, and self-analysis as methods of studying the individual; methods of study of occupations; guidance of students in choice of occupation; choice of training, and organization of guidance.

Mr. Monroe

WEAVING AND DESIGNING

Mr. McKenna

Mr. Cartee Mr. Walters Mr. Hance
Mr. Tarrant Mr. Williams

W D 201—Fabric Design—3 cr. (2 and 3)

A study of the basic weaves for cloth fabrication. Plain, twill, sateen weaves, and their derivatives; drawing-in drafts, reed plan, chain drafts, shedding cam design, and analysis of fabrics to obtain weave.

Mr. Walters Mr. Hance

W D 202—Fabric Design—2 cr. (1 and 3)

A study of the more complex and intricate weaves for fabrics. Extra warp and filling for weight and figure, filling reversible, double cloth, double plain and matelasse, Bedford Cord and pique, velveteen and corduroy, and Turkish towel. *Prerequisite*: W D 201

Mr. Tarrant

W D 205—Cam Loom Mechanisms—1 cr. (0 and 3)

A study of the construction, mechanical operation, and adjustments of the cam loom. Analytical study of the loom, adjustment and timing of the shedding motion, adjustment and timing of the picking motion, the beating-up motion, let-off and take-up motions, gearing, speeds, production.

Mr. Williams

W D 206—Cam Loom Mechanisms—2 cr. (1 and 3)

A further study of the cam loom mechanisms to include the automatic filling transfer, filling feelers, filling cutters, filling stop motion, warp stop motions, extra attachments such as tape selvage motions, auxiliary cams for twill and sateen weaves, and the various over-head attachments for shedding motions of more than two harnesses, loom calculations. *Prerequisite*: W D 205

Mr. Walters

W D 301—Fabric Structure and Design—2 cr. (1 and 3)

A study of the plans, drafts, and specifications required for the production of plain, leno, and figured fabrics. Leno mechanisms and design; warp and filling layouts; weave combinations; fabric construction; ratio of intersections; harness, reed, and chain plans; warping and slashing plans. *Prerequisite*: W D 201

Mr. Tarrant

W D 302—Fabric Analysis—2 cr. (1 and 3)

A study of the analysis of fabrics as they come to the mill for reproduction. Methods of determining yards per pound from a small sample and from the yarn counts; overall and ground construction; selection of yarn counts; determining the design, drawing-in-draft, chain draft, and reed plan; warp dressing plan; cotton, wool, silk, and rayon fabrics. *Prerequisite*: W D 201, 202

Mr. Cartee

W D 305—Dobby and Box Mechanisms—1 cr. (0 and 3)

A study of the construction, mechanical operation, and adjustment of dobby and box mechanisms. Setting and timing of the cylinder, knives, dobby crank, and shed; study of the box mechanisms and the use of two or more filling yarns in the weaving of fancy fabrics; setting, aligning, and timing of the box motion, and the building of pattern chains. *Prerequisite*: W D 205, 206

Mr. Cartee Mr. Tarrant

W D 306—Jacquard Mechanism—2 cr. (1 and 3)

A study of the theory and mechanisms of the jacquard machine and its complementary equipment. Types of jacquard machines and principles of operation; methods of harness building; card cutting and lacing machines. *Prerequisite*: W D 201, 205

Mr. McKenna

W D 309—Knitting—1 cr. (0 and 3)

A study of the principles of knitted fabric construction and hosiery production. Knitting mechanisms, construction of knitted fabrics and hosiery, rib knitting, hosiery machinery, fancy knitting, sinker-reverse plating, the float and the welt stitch principle, hosiery analysis, material costs, labor costs, overhead costs, knitting calculations.

Mr. Cartee

W D 401—Warp Preparation—2 cr. (1 and 3)

A study of warping and slashing mechanisms and the plans and requirements for efficient operation. Types of warping equipment; slashing machinery; size mixtures and processing methods for cotton, rayon, and other fibers. *Prerequisite*: W D 301

Mr. McKenna

W D 402—Fabric Development—2 cr. (1 and 3)

Production of woven patterns as studied in fundamental courses in the Weaving and Designing Department. Fabric development, analysis, and cloth order problems. *Prerequisite*: W D 301, 302, 305

Mr. McKenna Mr. Walters

YARN MANUFACTURING

Mr. Eaton

Mr. Campbell	Mr. Blair	Mr. Hendricks
Mr. Gage	Mr. Thomson	Mr. Moore

Y M 201—Blending and Cleaning—3 cr. (2 and 3)

A study of the mechanical equipment used to open, blend and clean the raw materials and which prepare cotton and other staple fibers for succeeding yarn manufacturing processes. Blending of staple fibers; calculations for drafts, measuring devices, waste, evener motions and production.

Yarn Manufacturing Staff

Y M 202—Carding—3 cr. (2 and 3)

A study of the theory and operation of the card as it is used in the processing of staple fibers and the doubling and drafting of sliver on the drawing frame. Card construction, settings, clothing, ratio of speeds and draft, production and waste studies on the card. Drawing frame construction, drafts and doubling.

Yarn Manufacturing Staff

Y M 301—Roving Frames—3 cr. (2 and 3)

The construction and operation of fly frames. Drafting, twisting and winding on slubbers, intermediates, and Jack frames; production, rolls, spindles, and flyers, differential motions and cones, twist per inch, all calculations for these topics.

Mr. Hendricks

Y M 302—Spinning—3 cr. (2 and 3)

A study of the manufacturing possibilities of the ring spinning frame and ring twister as they are used in the processing of staple fibers. The theory of the spindle, ring and traveler, drafts, twist, builder motions, production, general machine construction, and problems applicable to machines.

Mr. Gage

Y M 305—Cotton Marketing—1 cr. (0 and 3)

Cotton classing according to U. S. Government Standards for grades and staples. Classing and valuing all grades of cotton raised in U. S.; methods of ginning, marketing, and handling cotton; contracts and claims.

Mr. Gage

Y M 306—Combing—2 cr. (1 and 3)

A study of settings and adjustment of the comber and its preparatory machines; the value and use of its product. Timing and setting comber for various staples and required waste, production and other calculations; management; and operation of these machines.

Mr. Blair

ZOOLOGY

Mr. Sherman Mr. Ware

Zool 101—General Zoology—4 cr. (3 and 3)

Designed to give the student thorough training in fundamental types and zoological principles. The morphology, physiology, behavior, reproduction, ecology, embryology, zoogeography, evolution and palaeontology of each phylum is presented.

Mr. Ware

Zool 301—Advanced Zoology—3 cr. (2 and 3)

Designed to give the student advanced training in zoological principles, physiology and comparative vertebrate anatomy. *Prerequisite*: Zool 101

Mr. Ware

Zool 302—Vertebrate Embryology—3 cr. (2 and 3)

Designed to give the student the fundamentals of developmental anatomy of the organ systems as illustrated by the chick and pig. By actual preparation of histological sections and mounts the student acquires practice in laboratory procedure and a working knowledge of vertebrate microscopic anatomy. Identification of the various tissues is stressed. *Prerequisites*: Zool 101 and 301

Mr. Ware

Zool 306—Game Management—2 cr. (2 and 0)

A study of breeding habits of game animals and birds and type or territory desirable. The ethics of sportsmanship, and the control of predators are among other subjects covered.

Mr. Sherman

THE CLEMSON AGRICULTURAL COLLEGE RECORD

PART VI

Public Service Activities

*AGRICULTURAL EXPERIMENT STATION STAFF

Board of Control

Honorable J. B. Douthit	Pendleton
Honorable W. W. Bradley, *Ex-Officio*	Columbia
Honorable T. B. Young	Florence
Honorable Paul Sanders	Ritter
Honorable F. E. Cope	Cope
Honorable R. M. Cooper	Wisacky
Honorable W. A. Barnette	Greenwood

R. F. Poole, Ph. D., D.Sc.	*President*
H. P. Cooper, Ph.D.	*Director*
R. A. McGinty, A.M.	*Vice-Director*

Agricultural Economics and Rural Sociology

G. H. Aull, Ph.D.	Agricultural Economist
W. T. Ferrier, Ph.D.	Agricultural Economist
J. M. Stepp, Ph.D.	Associate Agricultural Economist
Ernest Riley, B.S.	Assistant Agricultural Economist
Dennis Crawford, B.S.	Assistant Agricultural Economist
Lloyd C. Martin, B.S.	Assistant Agricultural Economist
**Theo. L. Vaughan, Ph.D.	Social Science Analyst
**Charles P. Butler, M.S.	Agricultural Economist

Agricultural Engineering

G. B. Nutt, M.S.	Agricultural Engineer
G. H. Dunkelberg, M.S.	Associate Agricultural Engineer
**J. K. Park, M.S.	Agricultural Engineer

Agronomy

H. P. Cooper, Ph.D.	Agronomist
W. R. Paden, Ph.D.	Agronomist
W. H. Garman, Ph.D.	Associate Soil Scientist
J. W. Jones, M.S.	Associate Agronomist
E. B. Eskew, B.S.	Assistant Agronomist
**T. C. Peele, Ph.D	Soil Scientist
**Mack Drake, Ph.D.	Soil Scientist

Animal Husbandry

L. V. Starkey, M.S.	Animal Husbandman
E. G. Godbey, B.S.	Associate Animal Husbandman
G. W. Anderson, D.V.M., M.S.	Associate Animal Pathologist

Botany and Bacteriology

G. M. Armstrong, Ph.D.	Botanist and Plant Pathologist
W. B. Aull, B.S.	Bacteriologist
C. H. Arndt, Ph.D.	Associate Botanist and Plant Pathologist
W. B. Albert, Ph.D.	Associate Plant Pathologist
N. B. Goebel, M.S.	Associate Forester
C. C. Bennett, B.S.	Assistant Botanist

*List of staff members compiled November 1, 1946
**In cooperation with the United States Department of Agriculture.

Chemistry

J. H. Mitchell, M.S. ---------- Chemist
E. J. Lease, Ph.D. ---------- Nutritionist
D. B. Roderick, B.A. ---------- Assistant Chemist

Dairy

J. P. LaMaster, M.S. ---------- Dairyman
S. P. Marshall, Ph.D. ---------- Associate Dairyman
G. M. Barnett, Jr., B.S. ---------- Assistant Dairyman
J. T. Lazar, Jr., B.S. ---------- Assistant Dairyman
Y. G. Lewis, Jr., B.S. ---------- Assistant Dairyman

Entomology

Franklin Sherman, M.S. ---------- Entomologist
***O. L. Cartwright, M.S. ---------- Associate Entomologist
David Dunavan, M.S. ---------- Associate Entomologist
W. H. Purser, M.S. ---------- Asst. Bee Specialist

Home Economics

Ada M. Moser, M.S. ---------- Home Economist in Charge
Mary E. Frayser, M.A. ---------- Home Economist

Horticulture

A. M. Musser, B.S. ---------- Horticulturist
O. B. Garrison, Ph.D. ---------- Associate Horticulturist
L. O. Van Blaricom, M.S. ---------- Associate in Horticultural Manufactures
H. J. Sefick, M.S. ---------- Assistant Horticulturist
J. A. Martin, B.S. ---------- Assistant Horticulturist
**J. T. Bregger, M.S. ---------- Horticulturist

Farms

C. S. Patrick, B.S. ---------- Head Farms Department

Poultry

C. L. Morgan, M.S. ---------- Poultryman
J. B. Cooper, M.S. ---------- Associate Poultry Husbandman

Publications

A. B. Bryan, B.Litt. ---------- Agricultural Editor

Veterinary

R. O. Feeley, D.V.S. ---------- Veterinarian

Coast Station

Summerville, South Carolina

E. D. Kyzer, B.S. ---------- Superintendent
T. M. Clyburn, B.S. ---------- Assistant Animal Husbandman

***On military leave.
**In cooperation with the United States Department of Agriculture.

Pee Dee Station

Florence, South Carolina

E. E. Hall, M.S. ---------- Superintendent
Alfred Manwiller, Ph.D. ---------- Associate Plant Breeder
**F. F. Bondy, B.S. ---------- Entomologist
**W. H. Jenkins, B.S. ---------- Associate Agronomist
**Norman Allen, M.S. ---------- Associate Entomologist
**Raymond Wenger, Ph.D. ---------- Associate Bio-Chemist
Z. T. Ford, B.S. ---------- Assistant Agronomist
W. A. Mappus, B.S. ---------- Assistant Agronomist
J. D. Watson, B.S. ---------- Assistant Agronomist
F. M. Harrell ---------- Research Assistant
**J. F. Bullock, M.S. ---------- Assistant Agronomist
**C. F. Rainwater, B.S. ---------- Assistant Entomologist
**D. C. Harrell, B.S. ---------- Junior Agronomist
**T. W. Graham, M.S. ---------- Agent
**T. M. McCutcheon, A.B. ---------- Agent
**W. H. Rumff, B.S. ---------- Agent

Sandhill Station

R. 5, Columbia, South Carolina

**J. A. Riley, M.S. ---------- Superintendent
W. A. Carns ---------- Agent
**R. E. McDowell, B.S. ---------- Agent

Truck Station

Post Office Box 337

Charleston, South Carolina

W. C. Barnes, Ph.D. ---------- Superintendent
W. M. Epps, Ph.D. ---------- Associate Plant Pathologist
**W. J. Reid, Jr., B.S. ---------- Assistant Entomologist

Edisto Station

Blackville, South Carolina

W. B. Rogers, B.S. ---------- Superintendent
C. J. Nusbaum, Ph.D. ---------- Associate Plant Pathologist
J. G. Watts, M.S. ---------- Associate Entomologist
Morris B. Hughes, Ph.D. ---------- Associate Horticulturist
L. D. Drew, M.S. ---------- Assistant Agricultural Engineer
W. N. Henderson, Jr., B.S. ---------- Assistant Agronomist
**J. D. McCown ---------- Agent

Crop Pest Commission

G. M. Armstrong, Ph.D. ---------- State Pathologist
Franklin Sherman, M.S. ---------- State Entomologist
J. A. Berly, B.S. ---------- Associate State Entomologist
R. H. Garrison, B.S. ---------- Associate Plant Breeder
W. H. Purser, M.S. ---------- Assistant Bee Specialist

Fertilizer Inspection and Analysis

B. D. Cloaninger, B.S. ---------- Head of Department
H. J. Webb, Ph.D. ---------- Chief Chemist and Toxicologist
J. T. Foy, B.S. ---------- Chemist
E. E. Leslie, B.S. ---------- Assistant Chemist
Maurice M. Phillippe, M.S. ---------- Assistant Chemist

**In cooperation with the United States Department of Agriculture.

LIVESTOCK SANITARY WORK STAFF

COLUMBIA, SOUTH CAROLINA

R. A. Mays, B.Sc., D.V.M. ---------- State Veterinarian and Director

I. R. Cooper, D.V.M. ---------- Assistant State Veterinarian
E. T. Fisher, D.V.M. ---------- Assistant State Veterinarian
H. B. Hood, V.M.D. ---------- Assistant State Veterinarian
J. G. McKee, D.V.M. ---------- Assistant State Veterinarian
F. K. Peterson, D.V.M. ---------- Assistant State Veterinarian
Jack Scott, D.V.M. ---------- Assistant State Veterinarian
S. M. Witherspoon, B.Sc., D.V.M. ---------- Assistant State Veterinarian
W. H. Shirer, D.V.M. ---------- Assistant State Veterinarian

N. J. Ayers, D.V.M. ---------- Deputy State Veterinarian, Greer
A. L. Backsman, D.V.M. ---------- Deputy State Veterinarian, Laurens
O. E. Ballenger, D.V.M. ---------- Deputy State Veterinarian, Easley
W. A. Barnette, B.Sc., D.V.M. ---------- Deputy State Veterinarian, Greenwood
W. R. Beasley, D.V.M. ---------- Deputy State Veterinarian, Batesburg
R. W. Beaty, Jr., D.V.M. ---------- Deputy State Veterinarian, Sumter
M. R. Blackstock, D.V.S. ---------- Deputy State Veterinarian, Spartanburg
A. L. Blalock, D.V.M. ---------- Deputy State Veterinarian, Sumter
Bernard T. Brennan, D.V.M. ---------- Deputy State Veterinarian, Aiken
Thos. E. Brown, D.V.M. ---------- Deputy State Veterinarian, Spartanburg
T. B. Bruce, 2d, D.V.M. ---------- Deputy State Veterinarian, Camden
Theo. L. Burriss, D.V.M. ---------- Deputy State Veterinarian, Anderson
William Mack Burriss, D.V.M. ---------- Deputy State Veterinarian, Anderson
F. P. Caughman, Sr., B.Sc., V.M.D. ---------- Deputy State Veterinarian, Columbia
F. P. Caughman, Jr., D.V.M. ---------- Deputy State Veterinarian, Columbia
Geo. W. Cofer, D.V.M. ---------- Deputy State Veterinarian, Columbia
I. R. Cooper, Jr., D.V.M. ---------- Deputy State Veterinarian
R. L. Dickinson, D.V.M. ---------- Deputy State Veterinarian, Bishopville
J. T. Dickson, D.V.M. ---------- Deputy State Veterinarian, Rock Hill
W. T. Dunn, D.V.M. ---------- Deputy State Veterinarian, Greenville
Alexander Downs, Jr., D.V.M. ---------- Deputy State Veterinarian, Hartsville
H. P. Dyches, D.V.M. ---------- Deputy State Veterinarian, Aiken
S. G. Forester, D.V.M. ---------- Deputy State Veterinarian, Manning
H. L. Frieze, D.V.M. ---------- Deputy State Veterinarian, Gaffney
S. P. Galphin, D.V.M. ---------- Deputy State Veterinarian, Holly Hill
Jas. G. Gibson, D.V.M. ---------- Deputy State Veterinarian, Florence
W. H. Gilmore, Jr., D.V.M. ---------- Deputy State Veterinarian, Columbia
William Ginn, D.V.M. ---------- Deputy State Veterinarian, Varnville
O. H. Graham, D.V.M. ---------- Deputy State Veterinarian, Conway
C. C. Harmon, B.Sc., D.V.M. ---------- Deputy State Veterinarian, Columbia
Carlos Helms, D.V.M. ---------- Deputy State Veterinarian, Darlington
C. Douglas Hobart, D.V.M. ---------- Deputy State Veterinarian, Cheraw
Thomas P. Hoffmeyer, D.V.M. ---------- Deputy State Veterinarian, Florence
L. J. Hogan, D.V.M. ---------- Deputy State Veterinarian, Charleston
T. B. Jacobs, D.V.M. ---------- Deputy State Veterinarian, Newberry
S. T. Johnson, D.V.M. ---------- Deputy State Veterinarian, Latta
Don C. Kitchen, D.V.M. ---------- Deputy State Veterinarian, Greenville
F. E. Kitchen, D.V.M. ---------- Deputy State Veterinarian, Greenville
G. R. Kitchen, D.V.M. ---------- Deputy State Veterinarian, Sumter
W. R. Latta, D.V.M. ---------- Deputy State Veterinarian, Orangeburg

G. J. Lawhorn, B.Sc., D.V.M. _____ Deputy State Veterinarian, Hartsville
J. S. Lide, D.V.M. _____ Deputy State Veterinarian, Newberry
J. M. Love, D.V.M. _____ Deputy State Veterinarian, Lancaster
W. K. Magill, B.Sc., D.V.M. _____ Deputy State Veterinarian, Chester
W. D. McCormack, D.V.M. _____ Deputy State Veterinarian, Conway
B. K. McInnes, M.D., V.M.D. _____ Deputy State Veterinarian, Charleston
B. C. McLean, V.M.D. _____ Deputy State Veterinarian, Aiken
A. S. Moore, D.V.M. _____ Deputy State Veterinarian, Walterboro
G. E. H. Moore, D.V.M. _____ Deputy State Veterinarian, Walterboro
J. H. Moore, D.V.M. _____ Deputy State Veterinarian, Charleston
J. H. Morse, V.M.D. _____ Deputy State Veterinarian, Sumter
A. J. Osteen, D.V.M. _____ Deputy State Veterinarian, Charleston
M. J. Rattray, Jr., D.V.M. _____ Deputy State Veterinarian, Anderson
Wm. F. Rawlinson, D.V.M. _____ Deputy State Veterinarian, Manning
Herbert E. Riddle, D.V.M. _____ Deputy State Veterinarian, Greenville
Lee D. Rodgers, D.V.M. _____ Deputy State Veterinarian, Greenwood
R. R. Salley, D.V.M. _____ Deputy State Veterinarian, Orangeburg
G. K. Smith, D.V.M. _____ Deputy State Veterinarian, Spartanburg
J. D. Stith, D.V.M. _____ Deputy State Veterinarian, Hartsville
O. M. Strock, D.V.M. _____ Deputy State Veterinarian, Orangeburg
R. O. Suddath, B.S.A., V.M.D. _____ Deputy State Veterinarian, Seneca
H. L. Sutherland, D.V.M. _____ Deputy State Veterinarian, Union
B. C. Talley, B.Sc., D.V.M. _____ Deputy State Veterinarian, Bennettsville
E. R. VandeGrift, Jr., D.V.M. _____ Deputy State Veterinarian, Columbia
U. E. Whatley, D.V.M. _____ Deputy State Veterinarian, Dillon
J. M. Williams, D.V.M. _____ Deputy State Veterinarian, Moncks Corner
R. L. Willis, D.V.M. _____ Deputy State Veterinarian, Charleston

†AGRICULTURAL EXTENSION STAFF

R. F. Poole, Ph.D., D.Sc. _____ *President*
D. W. Watkins, B. S. M. A. _____ *Director*
T. W. Morgan, B.S., M.S. _____ *Assistant Director*
S. A. Williams, B.S. _____ *Chief Clerk and Accountant*

Agricultural Economics

M. C. Rochester, B.S., M.S.
Extension Economist and Farm Management Specialist, _____ Clemson
P. S. Williamon, B.S. _____ Supervisor Test-Demonstration Farms, Clemson
*D. C. Sturgis, B.S., M.S. _____ Assistant Extension Economist, Clemson
M. H. Sutherland, B.S. _____ Assistant Extension Economist, Clemson

Agricultural Engineering

C. V. Phagan, B.S. _____ Agricultural Engineer, Clemson
K. R. Ray, _____ Assistant Agricultural Engineer, Clemson
M. C. McKenzie, B.S. _____ Assistant Agricultural Engineer, Clemson
G. H. Stewart, B.S., M.S. _____ Rural Electrification Specialist, Clemson
E. C. Turner, B.S. _____ Extension Soil Conservationist, Clemson
C. F. Masters _____ Extension Shop Foreman, Clemson

Agronomy

H. A. Woodle, B.S. _____ Extension Agronomist, Clemson
W. H. Craven, B.S. _____ Extension Agronomist, Clemson

*On military leave.
†List of staff members in Agricultural Extension Service compiled November 1, 1946.

H. G. Boylston, B.S. ---------- Cotton Improvement Specialist, Clemson
H. A. McGee, A.B. ---------- Tobacco Specialist, Florence
J. M. Lewis, B.S. ---------- Assistant Tobacco Specialist, Florence
J. R. Mattison, B.S. ---------- Asisstant Tobacco Specialist, Clemson

Animal Husbandry

J. R. Hawkins, B.S., M.S. ------ In Charge Livestock Extension, Columbia
A. L. DuRant, B.S., M.S. ---------- Livestock Specialist, Florence
J. M. Jeter, B.S. ---------- Assistant Livestock Specialist, Spartanburg

Boys' 4-H Club Work

I. D. Lewis, B.S., M.S. ---------- State Boys' Club Agent, Clemson
L. O. Clayton, B.S. M.A. ---------- District Boys' Club Agent, Clemson
O. R. Smith, B.S. ---------- District Boys' Club Agent, Aiken
J. T. Rogers, B.S. ---------- District Boys' Club Agent, Florence

Dairying

C. G. Cushman, B.S. ---------- Dairy Specialist, Clemson
C. H. Lomas, B.S. ---------- Assistant Dairy Specialist, Clemson

Entomology and Plant Pathology

W. C. Nettles, B.S., M.S.
Extension Entomologist and Plant Pathologist, Clemson
E. S. Provost ---------- Specialist in Beekeeping, Clemson
M. B. Stevenson, B.S.
Assistant Extension Entomologist and Plant Pathologist, Clemson

Forestry

W. J. Barker, B.S. ---------- Extension Forester, Clemson
C. W. Hall, B.S. ---------- Assistant Extension Forester, Columbia
S. A. Marbut, B.S. ---------- Assistant Extension Forester, Clemson

Food Improvement

G. W. Bonnette, B.S. ---------- Food Improvement Specialist, McCormick
Janie McDill, B.S., M.S. ---------- Food Improvement Specialist, Clemson

Horticulture

A. E. Schilletter, B.S. ---------- Extension Horticulturist, Clemson
H. A. Bowers, B.S. ---------- Assistant Extension Horticulturist, Barnwell
R. J. Ferree, B.S., M.S. ---------- Extension Horticulturist, Clemson

Marketing

T. A. Cole, B.S. ---------- Chief, Marketing Division, Columbia
L. M. Asbill ---------- Assistant Marketing Specialist, Columbia
W. A. Tuten ---------- Assistant Marketing Specialist, Columbia
J. E. Youngblood, B.S. ---------- Assistant Marketing Specialist, Columbia
C. H. Langford, B.S. ---------- Assistant Marketing Specialist, Columbia
R. D. Steer, B.S. ---------- Cooperative Marketing Specialist, Greenwood

Poultry

P. H. Gooding, B.S., M.S. ---------- Extension Poultryman, Clemson
E. A. Peterkin, B.S. ---------- Assistant Extension Poultryman, Dillon
L. W. Herrick, B.S., M.S. ---------- Turkey Specialist, Columbia
H. C. Gauger, B.S., M.S. ---------- Turkey Specialist, Clover

Printing and Distribution of Publications

A. B. Bryan, B.S., B.Litt. ---------- Agricultural Editor, Clemson
Doris Timmerman, A.B. ---------- Assistant Agricultural Editor, Clemson
J. M. Eleazer, B.S. ---------- Information Specialist, Clemson
Winnie Belle Holden, B.A. ---------- Radio Specialist, Columbia

Visual Instruction

L. W. Riley ---------- Specialist in Visual Instruction, Clemson

DISTRICT AGENTS

First District	L. B. Massey, B.S.	Box 266, Spartanburg
Second District	J. T. Lazar, B.S.	Florence
Third District	A. H. Ward, B.S., M.S.	Aiken

COUNTY AGRICULTURAL AGENTS

County	*Name*	*Post Office*
Abbeville	Z. D. Robertson, A.B.	Abbeville
Aiken	F. W. Corley, B.S.	Aiken
Allendale	C. B. Searson, B.S.	Allendale
Anderson	E. P. Josey, B.S.	Anderson
Bamberg	R. C. Hubbard, B.S.	Bamberg
Barnwell	D. A. Shelley, B.S.	Barnwell
Beaufort	E. C. Abrams, B.S.	Beaufort
Berkeley	M. C. Mason, B.S.	Moncks Corner
Calhoun	O. W. Cain, B.S.	St. Matthews
Charleston	C. W. Carraway, B.S.	Charleston
Cherokee	S. C. Stribling, B.S.	Gaffney
Chester	T. A. Stallworth, B.S.	Chester
Chesterfield	J. C. Willis, B.S.	Chesterfield
Clarendon	A. D. Grainger, B.S.	Manning
Colleton	L. W. Alford, B.S.	Walterboro
Darlington	O. O. Dukes, B.S.	Darlington
Dillon	S. W. Epps, B.S.	Dillon
Dorchester	R. R. Mellette, B.S	St. George
Edgefield	O. W. Lloyd, B.S.	Edgefield
Fairfield	R. H. Lemon, B.S.	Winnsboro
Florence	J. W. McLendon, B.S.	Florence
Georgetown	M. M. McCord, B.S.	Georgetown
Greenville	W. R. Gray, B.S.	Greenville
Greenwood	P. M. Garvin, B.S.	Greenwood
Hampton	J. C. Anthony, B.S.	Hampton
Horry	V. M. Johnston, B.S.	Conway
Jasper	N. R. Davis, Jr., B.S.	Ridgeland
Kershaw	W. C. McCarley, B.S.	Camden
Lancaster	F. W. Cannon, B.S.	Lancaster
Laurens	C. B. Cannon, B.S.	Laurens
Lee	W. L. Bryant, B.S.	Bishopville
Lexington	S. E. Evans, B.S., M.S.	Lexington
McCormick	M. A. Bouknight, B.S.	McCormick
Marion	J. C. King, B.S.	Marion
Marlboro	Colin McLaurin, B.S.	Bennettsville
Newberry	P. B. Ezell, B.S.	Newberry
Oconee	G. H. Griffin, B.S.	Walhalla
Orangeburg	J. C. McCombs, B.S.	Orangeburg
Pickens	T. A. Bowen	Pickens
Richland	R. W. Bailey, B.S.	Columbia
Saluda	F. M. Kearse, B.S.	Saluda
Spartanburg	J. F. Jones, B.S.	Spartanburg
Sumter	T. O. Bowen, B.S.	Sumter
Union	W. J. Martin, B.S.	Union
Williamsburg	R. A. Jackson, B.S.	Kingstree
York	L. W. Johnson, B.S.	Rock Hill
Extension—AAA Agent	J. M. Napier, B.S., M.S.	Darlington
Assistant to District Agent	Ruthel Ferguson	Spartanburg

ASSISTANT COUNTY AGRICULTURAL AGENTS

County	*Name*	*Post Office*
Aiken	C. W. Thompson, B.S.	Aiken
Anderson	J. H. Hopkins, B.S.	Anderson
Anderson	J. L. Corchran, B.S.	Anderson
Barnwell	J. T. Graves, B.S.	Barnwell
Cherokee	L. J. P. Stone, B.S.	Gaffney
Chester	W. E. Pugh, B.S.	Chester
Chesterfield	J. L. King, B.S.	Chesterfield
Clarendon	D. E. Epps, B.S.	Manning
Colleton	J. R. White, B.S.	Walterboro
Darlington	W. J. Huntley, B.S.	Darlington
Dillon	C. P. Goodyear, B.S.	Dillon
Florence	A. C. Odom, B.S.	Florence
Greenville	J. R. Lester, B.S.	Greenville
Greenville	J. D. Miller, B.S.	Greenville
Horry	D. A. Benton, B.S.	Conway
Jasper	J. A. Kinard, B.S.	Ridgeland
Kershaw	J. B. Griffith, B.S.	Camden
Laurens	J. B. Williams, B.S.	Laurens
Lancaster	T. B. Lee, B.S.	Lancaster
Lexington	R. H. Sams, B.S.	Lexington
Marlboro	J. L. Brown, B.S.	Bennettsville
Newberry	W. A. Ridgeway, B.S.	Newberry
Oconee	J. C. Morgan, B.S.	Walhalla
Orangeburg	D. Richardson, B.S.	Orangeburg
Pickens	J. R. Wood, B.S.	Pickens
Richland	R. G. Winburn, B.S.	Columbia
Spartanburg	J. E. Fagan, B.S.	Spartanburg
Spartanburg	H. D. Marrett, B.S.	Spartanburg
Sumter	R. P. Alston, B.S.	Sumter
Williamsburg	L. B. Harrington, B.S.	Kingstree
York	J. H. Evans, B.S.	York

NEGRO AGRICULTURAL AGENTS

E. N. Williams, District Agent, State College, Orangeburg, S. C.

Waymon Johnson, Assistant District Agent, State College, Orangeburg, S. C.

County	*Name*	*Post Office*
Aiken	T. A. Hammond	Aiken
Anderson	J. A. Gresham	Anderson
Bamberg	Ellis D. Dean	Bamberg
Beaufort	Benjamin Barnwell	Beaufort
Berkeley	Roscoe C. Bacote	Moncks Corner
Colleton	J. J. Mitchell	Walterboro
Charleston	J. A. Amaker	Charleston
Chester	M. M. Sitton	Chester
Clarendon	William Thompson	Manning
Darlington	S. C. Disher	Darlington

Dorchester	Eugene Frederick	St. George
Fairfield	D. G. Belton, Jr.	Winnsboro
Florence	H. S. Person	Florence
Greenville	R. W. Anderson	Greenville
Greenwood	L. V. Walker	Greenwood
Horry	W. P. Johnston	Conway
Kershaw	J. D. Marshall	Camden
Lancaster	R. N. Smith	Lancaster
Laurens	J. D. Sweeney	Laurens
Marion	G. W. Dean	Marion
Marlboro	J. W. Nesbitt	Bennettsville
Newberry	S. B. Marshall	Newberry
Orangeburg	G. W. Daniels	Orangeburg
Richland	J. E. Dickson	Columbia
Spartanburg	R. C. Smith, Jr.	Spartanburg
Sumter	Arthur Sanders	Sumter
Union	Roscoe A. Marshall	Union
Williamsburg	V. B. Thomas	Kingstree
York	B. T. Miller	Rock Hill

Note: All negro agents have B.S. Degrees from State College at Orangeburg, or the equivalent from other institutions.

HOME DEMONSTRATION EXTENSION DEPARTMENT

The United States Department of Agriculture, Clemson College and Winthrop College, working in Cooperation.

Lonny I. Landrum, B.S.	State Home Demonstration Agent, Rock Hill
Juanita Neely, B.S., M.A.	Assistant Home Demonstration Agent, Rock Hill
Bessie Harper, B.A.	District Agent, Aiken
Eleanor Carson, B.A., M.S.	District Agent, Rock Hill
Ruby Pearson, B.S.	District Agent, Rock Hill
Eloise Johnson, B.S.	State Girl's Club Agent, Rock Hill
Josephine Bery, B.S.	Assistant State Girl's Club Agent, Rock Hill
Jane Ketchen, B.S.	Marketing Specialist, Rock Hill
Portia Seabrook, B.S.	Clothing Specialist, Rock Hill
Carrie Carson, B.S.	Extension Nutritionist, Rock Hill
Ruby Mae Craven, B.S.	Poultry Specialist, Rock Hill
Gertrude Lanham, B.S., M.S.	Home Management Specialist, Rock Hill
Sallie Pearch, B.S.	Food Specialist, Rock Hill

COUNTY HOME DEMONSTRATION AGENTS

County	*Name*	*Post Office*
Abbeville	Myraline Trotter, B.S.	Abbeville
Aiken	Alpha Covar, B.S.	Aiken
Allendale	Mamie Sue Hicks, B.S.	Allendale
Anderson	Ella Burton, B.S.	Anderson
Bamberg	Marie Lambert, B.S.	Bamberg
Barnwell	Elizabeth McNab, A.B.	Barnwell
Beaufort	Mary Ellen Eaves, B.S., A.B.	Beaufort
Berkeley	Mrs. Eliz. D. Boykin, A.B.	Moncks Corner
Calhoun	Lula Chriesman	St. Matthews
Charleston	Caroline S. Alston	Charleston
Cherokee	Teresa Caskey, B.S.	Gaffney
Chester	Julia Dukes, B.S.	Chester
Chesterfield	Frances Prince, B.S.	Chesterfield
Clarendon	Miriam Fridy, B.S.	Manning
Colleton	Alice Rayle, B.S.	Walterboro
Darlington	Mary Agnes Wylie, B.S.	Darlington
Dillon	Etta Sue Sellers, B.A.	Dillon
Dorchester	Ophelia Barker, B.S.	St. George
Edgefield	Harriett Gandy, B.S.	Edgefield
Fairfield	Laura Williams	Winnsboro
Florence	Vela Smith	Florence
Georgetown	Inelle Broadway, B.S.	Georgetown
Greenville	Myrtle Nesbitt, B.S.	Greenville
Greenwood	Elizabeth Herbert, A.B.	Greenwood
Hampton	Izora Miley	Hampton
Horry	Margaret Cloud, B.S.	Conway
Jasper	Elizabeth Brunson, B.S.	Ridgeland
Kershaw	Margaret Fewell, B.A.	Camden
Lancaster	Annie D. Mitchell, B.S.	Lancaster
Laurens	Louise Fleming, B.A.	Laurens
Lee	Mary Ida Warner, B.S.	Bishopville
Lexington	Elizabeth Leonard, B.S.	Lexington
McCormick	Matilda Bell, B.S.	McCormick
Marion	Sallie McKinnon, B.S.	Marion
Marlboro	Polly McGill, B.S.	Bennettsville
Newberry	Ethel Counts, B.A.	Newberry
Oconee	Mary C. Haynie, B.A.	Walhalla
Orangeburg	Mattie Lee Cooley, B.S., A.B.	Orangeburg
Pickens	Sarah G. Cureton, B.S.	Pickens
Richland	Laura Connor, B.S.	Columbia
Saluda	Margaret Rhody, B.S.	Saluda
Spartanburg	Kate M. Hooper	Spartanburg
Sumter	Elizabeth Trowell, B.S.	Sumter
Union	Mahala J. Smith	Union
Williamsburg	Susan Hall, B.S.	Kingstree
York	Obera Byers, B.S.	Rock Hill

ASSISTANT HOME DEMONSTRATION AGENTS

County	*Name*	*Post Office*
Aiken	Margaret McFadden	Aiken
Anderson	Kathryn Harris	Anderson
Darlington	Louise Clements	Darlington
Florence	Joyce Brown	Florence
Greenville	Helen Keistler	Greenville
Hampton	Mildred Koger	Hampton
Horry	Naomi L. Morrison	Conway
Kershaw	Martha K. Leonard	Camden
Lancaster	Louise Heriot	Lancaster
Lexington	Helen Adams	Lexington
Orangeburg	Jeanne Coleman	Orangeburg
Richland	Sue Cobb	Columbia
Sumter	Kerby Hayes	Sumter
Spartanburg	Martha C. Chapman	Spartanburg
Union	Ollie M. Horton	Union
York	Georgia Taylor	York

NEGRO HOME DEMONSTRATION AGENTS

Marion B. Paul, State Supervisor, Negro Home Demonstration Work, State College, Orangeburg, S. C.

Willie M. Price, Assistant State Supervisor, Negro Home Demonstration Work, State College, Orangeburg, S. C.

County	*Name*	*Post Office*
Aiken	Cynthia V. Williams	Aiken
Allendale	Annie Mae J. Butler	Allendale
Anderson	Annabelle E. Spann	Anderson
Bamberg	Leona B. McMillan	Bamberg
Beaufort	Williette Bowers	Beaufort
Berkeley	Fannie M. Brown	Moncks Corner
Charleston	Albertha DeVeaux	Charleston
Clarendon	Toynetta Z. McGraw	Manning
Dorchester	Lillie Mae Jamerson	St. George
Fairfield	Bertha B. Sawyer	Winnsboro
Florence	Lillian Brown	Florence
Georgetown	Rosa G. Gadson	Georgetown
Greenville	Delphenia W. Arnold	Greenville
Greenwood	Marie Louise Kemlin	Greenwood
Kershaw	Susie B. Boykin	Camden
Marlboro	Minnie Gandy	Clio
Newberry	Lillian Saunders	Newberry
Orangeburg	Rosa R. Odom	Orangeburg
Richland	Frances Thomas	Columbia
Spartanburg	Marie B. Blakemon	Spartanburg
Sumter	Helen C. Walker	Sumter
Union	Laura M. Whitney	Union
Williamsburg	Eva G. Lawrence	Salters Depot
York	Helen Barnwell	Rock Hill

Note: All Negro Home Demonstration Agents have had College training in home economics.

THE SOUTH CAROLINA AGRICULTURAL EXPERIMENT STATION

The Agricultural Experiment Station of South Carolina is a department of Clemson College. The experiment station at present consists of the main station, which is located at Clemson, and five sub-stations: one at Summerville, in the coastal plain region; one at Florence, in the Pee Dee section; one at Pontiac, near Columbia, in the sand hill region, one in the trucking section near Charleston; and one in Barnwell county in the melon-growing area. The main offices and laboratories of the station are located on the Clemson College campus, while the station experiment farm, consisting of about 200 acres, is east of and adjoining the College campus. The investigations dealing with the fundamental principles of agricultural science and with the application of such principles to practical agricultural operations are carried on in the laboratories and on the experiment station farm at Clemson. The experiments looking to the adaptation of such scientific data accumulated here and elsewhere to the conditions peculiar to certain sections of the State are carried on at the sub-stations and at branch laboratories established in certain sections of the State for this purpose.

It is the aim of the experiment station to conduct research work on problems which have a direct practical bearing on the agriculture of the State. With this end in view extensive experiments relative to the best methods of procedure under various conditions with the principal plants and animals have been undertaken. Economic and social problems are likewise being investigated. As progress is made the results obtained are given out to farmers in the form of bulletins, circulars, and personal letters. Since the establishment of the station, 367 such bulletins and 72 circulars have been published, covering practically all phases of agriculture.

Aside from the research work and the publication of results obtained from such research, the experiment station performs various other duties. Among these might be mentioned the entomological and pathological inspection work (which aims to protect the farms, orchards, and gardens of the State against the introduction of injurious insects and diseases); the biological and

soil survey of the State, and the cooperative experimental work carried on with hundreds of farmers in the State. The technically trained experts of the station staff are regarded as authorities in their several specialties, and they are constantly giving out information relating to the various lines of agricultural endeavor. The station staff also aids in disseminating agricultural knowledge by cooperating with the Extension Service of the College in holding agricultural meetings and conferences and by meeting with the farm demonstration agents and giving to them technical information which they in turn carry direct to the farmers.

Close cooperation is maintained with the various research bureaus of the United States Department of Agriculture and with the departments of the College. The laboratories are always open to inspection by students and other people of the State. The same is true of the experiment station farm. There is always opportunity for a limited number of students to secure work in the various divisions of the station and to assist in the research work carried on by the members of the station staff.

Home economics research is carried on in cooperation with Winthrop College at Rock Hill. This work is designed to secure additional information on economic, social, and health factors influencing the home and living conditions of rural people.

Close cooperation is maintained between the home economics research department, the teaching and extension workers in this field, and the clubs and societies engaged in the promotion of better rural homes.

A full report of the work and expenditures of the Experiment Station is published annually and this report and all other publications of the station are free and will be sent on request. (Requests for these should be addressed to the Director, Agricultural Experiment Station, Clemson, S. C.)

FERTILIZER INSPECTION AND ANALYSIS

The work of fertilizer inspection and analysis is under the supervision of the Fertilizer Board of Control consisting of a Committee of the Board of Trustees. The work of inspection and analysis is a department of the Agricultural Experiment

Station. District Inspectors are located in different parts of the State. Their duties are to collect official fertilizer samples for analysis and check on the tagging and labelling of all fertilizer material.

The chemical work consists of the analysis of commercial fertilizers as provided for by the Fertilizer Law of the State. This Department also undertakes the analysis of waters, ores, minerals, and other naturally occuring materials, portions of human bodies in cases of suspected poisoning (as provided by law), and the analysis of home-mixed fertilizers. All the work of this Department is done without charge.

THE AGRICULTURAL EXTENSION SERVICE

The agricultural extension work of the College is carried on by the Extension Service in cooperation with the United States Department of Agriculture. The work is supported by federal, state, and county appropriations. The main development of extension work has come since the enactment of the Federal Smith-Lever Act of 1914. The purpose of extension work is to diffuse among farm people useful and practical information on subjects related to agriculture and the farm home, and, through demonstrations and other practical methods, to stimulate the application of such information by farm people.

Agricultural Extension Work:—Under an Act of the Legislature in 1929, each county in the State has a county farm agent. These agents are agricultural college graduates who have had practical farm experience. They devote their time to the development of the agriculture of their respective counties through farm visits, demonstrations, personal conferences, meetings, community organizations, publications, letters, and otherwise. A staff of extension specialists representing the important lines of agriculture in the State assists the county agents in planning and carrying out the extension program.

Home Demonstration Work: —While home demonstration work is a part of the cooperative program of extension work under the Smith-Lever Act, and is under the general direction of the Extension Service, this work is conducted under the immediate supervision of Winthrop College. Every county is pro-

vided with a home demonstration agent by legislative enactment, and these agents conduct educational demonstration work with farm women and girls in the production, preparation, and conservation of the family food supply, home marketing, home improvement, clothing, home furnishings and home management, nutrition, community organization, and other farm home activities.

Negro Demonstration Work:—Thirty-one negro agricultural agents and twenty-six negro home demonstration agents are employed to work with negro farmers of the State in counties having large negro populations. These agents are employed in cooperation with the State College at Orangeburg, where the supervising agents for this work are located.

Agricultural Economics and Farm Management:—The extension program in agricultural economics and farm management is directed toward a wider dissemination among farm people of economic information, including the results of research work and farm experience, that may be useful to them in planning and conducting their farm businesses. This program includes outlook and economic information, the analysis of farm and home accounts and enterprise records on crops and livestock, kept by farm people with the aid of extension workers, county program planning work, land use planning work, and other activities in this field.

Agricultural Engineering:—Extension work in agricultural engineering includes mainly educational work with farm people in the proper terracing and drainage of farm lands, the efficient use of farm machinery and equipment, plans for farm buildings and other farm structures, improved cotton ginning methods, the utilization of electric power on the farm, and farm water systems.

Field Crops:—Extension work with farm people on field crops includes educational demonstration work in the efficient production of high quality cotton, corn, tobacco, small grains, summer and winter legumes, hay crops, and other crops that are of importance to South Carolina farmers as sources of income and also food and feed. This work is currently emphasizing annual grazing and improved permanent pastures.

Livestock:—Extension work in this project includes demonstrations in efficient livestock production, including the use of pure-bred sires, hog-feeding demonstrations, swine sanitation demonstrations, beef cattle, sheep and mule production, cooperative marketing of livestock, 4-H pig and beef calf club work, and the preservation of the farm meat supply.

Dairying:—Extension work in dairying includes work with farm people in placing and encouraging the use of purebred sires, dairy herd management, care and handling of milk, pastures and feed production, 4-H dairy calf club work, the marketing of dairy products and dairy cattle, the use of dairy equipment, and the feeding and management of the family cow.

Crop Insects and Diseases:—Crop insects and diseases take a heavy toll on the farms of South Carolina every year. The extension program in this line includes educational demonstration work in the prevention and control of crop diseases, crop insects, and work with beekeepers.

Forestry:—The extension program in farm forestry is directed toward the conservation, proper utilization, and efficient marketing of the farm forestry resources in the State. This program includes educational demonstration work in reforestation, thinning, pruning, selective cutting, fire protection, and timber estimating.

Boys' 4-H Club Work:—Agricultural clubs of farm boys are organized for the purpose of enlisting the intelligent interest of the boys and their parents in improved methods of agriculture. This program includes the organization of 4-H clubs, supervision of 4-H club demonstrations of crops and livestock production and checking the results, training 4-H judging and demonstration teams, leadership, and citizenship training, and holding 4-H club camps, tours, and recreational meetings.

Horticulture:—Extension work with farm people along horticultural lines includes mainly demonstration work in home orchard establishment and management, commercial peach and apple production, home gardens, the production of commercial truck crops, and sweet potato production. The emphasis is placed upon the efficient production of quality products both for home use and for the market.

Marketing:—Since the efficient marketing of farm products cannot be wholly separated from production, much of the time of all extension workers is devoted to assisting farm people with their marketing problems. This program includes assistance in the organization and operation of cooperative marketing associations, cooperation with auction markets, supervision of the federal-state shipping point inspection service for fruits and vegetables, demonstrations in grading and packing farm products, all of which is connected with the work of the Extension Service in aiding farm people to produce the varieties and quality of farm products that can be sold on the markets in this State and in other states.

Poultry:—The extension program of poultry demonstration work includes demonstration poultry and turkey flocks, the brooding and rearing of chicks, disease and parasite control, the construction of poultry houses and the use of poultry equipment, the development of poultry breeding flocks, 4-H poultry club work, and the marketing of surplus poultry and eggs from the farms of the State.

Publication and News:—The extension program of publications and news includes the preparation, editing and distribution of agricultural bulletins, news material and circulars, both from the College, and from the offices of the county agents and home demonstration agents. Mimeographed news articles and special news stories of agricultural interest are supplied to the newspapers of the State, and to the Associated Press. Monthly letters or printed circulars on poultry, orchards, gardening, dairying and Boys' 4-H club work are mailed free of charge to those persons especially interested in these subjects. Bulletins covering the important lines of farm activitiy in the State are prepared and made available to farm people who desire such information.

Radio Programs:—Radio programs are presented over almost all of the radio stations in the state, bringing current agricultural news to the farm people.

Visual Instruction—The extension program of visual instruction includes the production and showing of educational motion pictures, film strips, and slides on agricultural and home econom-

ics subjects, and the production of photographs, charts, maps, and other visual educational material.

Other Activities:—The Extension Service represents the Clemson Agricultural College, which is the Land Grant College of the State, in conducting the educational work among farm people in connection with agricultural programs of the Federal government, such as the Agricultural Adjustment program, the Soil Conservation program, the Rural Electrification program, the Tennessee Valley Authority program, Farm Credit, and others. In addition, special programs, which involve the organization of agricultural resources, and other emergency programs of this nature are organized and conducted by the Extension Service. The organization and conduct of the Better Farm Living program on a state, county and community basis, in cooperation with farm people of the State, is also the responsibility of the Extension Service.

LIVESTOCK SANITARY WORK

The function of the Livestock Sanitary Department is to assist livestock owners in the control and eradication of contagious, infections and communicable diseases of livestock and poultry. When requested, investigations are made, and when necessary, assistance is rendered in the treating of livestock. Advice is also given for the control and eradication of diseases. In cooperation with the Federal Government and other States, this department maintains quarantine measures to prevent, so far as possible, the introduction of diseased livestock into the State.

This department of the College maintains a fully equipped laboratory in Columbia for the purpose of making diagnoses which cannot always be made in the field; and as a result of these examinations, rational methods of treatment are recommended to livestock owners.

While the main office of this department is in Columbia, Assistant State Veterinarians are located in various sections of the State where their services may be obtained on short notice upon request.

In addition to the regular force of veterinarians directly connected with the Columbia office, practicing veterinarians are commissioned as Deputy State Veterinarians and assist in the control and eradication of contagious and infectious diseases of livestock. At present there are forty-four veterinarians so commissioned, and their locations are such that the Clemson College Livestock Sanitary Department is in position to render prompt service to livestock owners in all sections of the State.

The Clemson College Livestock Sanitary Department is fully equipped with large stocks of all classes of veterinary biologics for the control and eradication of contagious and infectious diseases of livestock. These products are furnished to livestock owners at cost.

This department is required by legislative enactment and supported by legislative appropriation.

CONTROL OF CROP PESTS AND DISEASES

The work of controlling crop pests and diseases is carried on under the direction of the State Crop Pest Commission. The State Entomologist and the State Pathologist have charge of this work under the commission.

The work of these officers consists in the control of contagious plant diseases and insect pests. Supervision of all nursery stock sold within the State is a duty of the Crop Pest Commission.

A permit tag issued by the State Crop Pest Commission should be attached to every package of nursery stock, seed, or plants offered for sale or shipment for planting purposes.

THE ENGINEERING EXPERIMENT STATION

The engineering experiment station of the Clemson Agricultural College was established by the Board of Trustees in July, 1924. Its purpose is to aid the present industries in the State to do research work on the material resources of the State with a view of leading to the establishment of new industries, to study methods of utilizing waste products, etc.

In addition to serving the industries of the State and helping to solve engineering problems for the agricultural interests, it is hoped, in cooperation with the stations of other states, to add to the store of scientific and engineering knowledge. The staff consists of well-trained men from the various schools and departments of the College. The laboratories of the several departments of engineering, as well as others, are available for the use of the station in its investigation.

During the war period the Engineering Experiment Station undertook worthwhile projects in cooperation with the War Production Board. Emphasis is now being placed upon special research in ceramics.

TEXTILE TESTING RESEARCH

The textile activities include a yarn testing service for the cotton mills of South Carolina. In addition, research studies on phases of yarn strength, shrinkage and take-up in fabrics, and the effect of dyes on nylon are under way. In cooperation with the Agronomy Department, an analysis is being made of cotton fibres grown on a variety of soils with various fertilizers.

Much of the textile research is undertaken in cooperation with the Bureau of Agricultural Economics of the United States Department of Agriculture. This work includes manufacturing tests of grades, staples, and varieties of cotton. Valuable reports based on this work are issued from time to time. Copies of these reports may be acquired by addressing either the College or the Bureau of Agricultural Economics, Washington, D. C.

ITINERANT TEACHER TRAINING IN VOCATIONAL EDUCATION

The College in cooperation with the State Department of Education is glad to assist those who teach vocational subjects in day trade schools and evening trade and industrial classes by supplying a trained man to assist in the work of organizing classes, organizing courses of study, making plans for teaching evening classes, and actually teaching vocational subjects. Requests for

information regarding this service should be addressed to Mr. L. R. Booker, Itinerant Teacher Trainer, Industrial Education Department, Clemson, South Carolina.

The members of the staff of Agricultural Education visit all beginning teachers for the purpose of assisting them on the job and also for the purpose of collecting information which may prove helpful in improving the work of teacher training at the College. In addition, conferences of teachers are held and consulting services made available in the interest of the professional growth of agricultural teachers, the rendering of service to agricultural communities, and the development of leadership among agricultural youth through the program of the Future Farmers of America.

SHORT COURSES AND CONFERENCES

The facilities of the college are made available for special meetings, such as farm groups, religious organizations, and scientific societies; and arrangements are made for special short courses in poultry, beekeeping, food preservation, cotton classing, water supply and sanitation, etc. Such activities, undertaken in the interest of the general welfare, are encouraged by the College.

THE CLEMSON AGRICULTURAL COLLEGE RECORD

PART VII

Student Register

1945-1947

GRADUATES OF 1945

DEGREES CONFERRED FEBRUARY 5, 1945

School of Engineering

Bachelor of Civil Engineering Degree

Millard Carlisle Kendrick ---------- Charleston

Bachelor of Mechanical Engineering Degree

William Spencer Gregory ---------- Lockhart

School of General Science

Bachelor of Science Degree

Pre-Medicine

George Leland Barber ---------- Fairfax

School of Textiles

Bachelor of Science Degree

Textile Engineering

Horace Lamar Pratt, Jr. ---------- W. Columbia

School of Vocational Education

Bachelor of Science Degree

Vocational Agricultural Education

Troy Carroll Atkinson, Jr. ----- Mullins
Austin Sparks Bobo, Jr. ------- Roebuck
William Johnson Huntley -- Mt. Croghan
James Lanier Wannamaker -- Lexington

DEGREES CONFERRED MAY 20, 1945

School of Agriculture

Bachelor of Science Degree

Agriculture—Horticulture Major

Reese Henry Young ---------- Clinton

Agricultural Engineering

Arthur Harvin Maybin, Jr. ---------- Whitmire

School of Chemistry

Bachelor of Science Degree

Chemistry

John Edgar Beatty, Jr. ------- Baltimore, Md.

Chemistry and Chemistry-Engineering

Gordon Murray Goodale ---------- Clemson

School of Engineering

Bachelor of Mechanical Engineering Degree

James Bryan Rogers ---------- Anderson
William Harold Washington, Jr. Clemson

School of General Science

Bachelor of Science Degree

General Science

Carl George Culler ---------- Orangeburg

School of Textiles

Bachelor of Science Degree

Textile Engineering

Allen Thomas Adams ---------- Rock Hill
Herbert Neely Lindsay ------- Clemson

School of Vocational Education

Bachelor of Science Degree

Vocational Agricultural Education

Archie Creighton Odom ---------- Gable
Max Mannheim Sawyer ---------- North

Industrial Education

Samuel Wylie Hogue, Jr. ---------- Camden

DEGREES CONFERRED JULY 1, 1945

School of Engineering

Bachelor of Mechanical Engineering Degree

*Louis Starr Freeman _____ Clemson

School of Arts and Sciences

Bachelor of Science Degree

Pre-Medicine

*William McKinley Alexander _____ Seneca

DEGREES CONFERRED AUGUST 1, 1945

School of Agriculture

Bachelor of Science Degree

Agriculture—Animal Husbandry Major

*Robert Walton Touchberry _____ Pinewood

School of Chemistry

Bachelor of Science Degree

Chemistry

William Davis Inabnit _____ Murrells Inlet

School of Engineering

Bachelor of Electrical Engineering Degree

*John Milling Barnes _____ Rock Hill

Bachelor of Mechanical Engineering Degree

Harry Gilmore Boylston, Jr. __ Barnwell Thomas Daniel McAlhany ____ Anderson

School of Arts and Sciences

Bachelor of Science Degree

General Science

John Edward Norris, Jr. _____ Vance

DEGREES CONFERRED OCTOBER 1, 1945

School of Agriculture

Bachelor of Science Degree

Agriculture

James Samuel Plaxico _____ Sharon

School of Chemistry

Bachelor of Science Degree

Chemistry

*William Leitch Marshall, Jr. _____ Columbia

School of Engineering

Bachelor of Mechanical Engineering Degree

Stewart Ray Vickery _____ Central

DEGREES CONFERRED DECEMBER 1, 1945

School of Engineering

Bachelor of Science Degree

Chemistry-Engineering

Arthur Martin Spiro _____ Belle Harbor, N. Y.

Bachelor of Electrical Engineering Degree

Claude Hunter Ragsdale, Jr. _____ Blairs

School of Arts and Sciences

Bachelor of Science Degree

Pre-Medicine

Philip Washington Fairey _____ St. Matthews

* With Honor.

GRADUATES OF 1945 BY MAJOR COURSES

School of Agriculture	4
General Agriculture	1
Agricultural Engineering	1
Animal Husbandry	1
Horticulture	1
School of Chemistry	4*
Chemistry	4*
School of Engineering	12*
Chemistry-Engineering	2*
Civil Engineering	1
Electrical Engineering	2
Mechanical Engineering	7
School of Arts and Sciences	5
General Science	2
Pre-Medicine	3
School of Textiles	3
Textile Engineering	3
School of Vocational Education	7
Vocational Agricultural Education	6
Industrial Education	1
Total Graduates of 1945	34

*Includes one student who was graduated in both Chemistry and Chemistry-Engineering.

TOTAL GRADUATES BY MAJOR COURSES
1896 — 1945

Major Course	*Total*	*Major Course*	*Total*
Agriculture	241	Education	19
Agriculture and Animal Industry	80	Electrical Engineering	607
Agriculture and Chemistry	69	Engineering Industrial Education	70
Agricultural Chemistry	99	Entomology	105
Agricultural Economics	115	Forestry	8
Agricultural Education	197	General Science	321
Agricultural Engineering	102	Horticulture	262
Agronomy	445	Industrial Education	94
Animal Husbandry	227	Industrial Physics	3
Architectural Engineering	11	Mechanical Engineering	356
Architecture	194	Mechanical and Electrical Engineering	489
Arts and Science	137	Pre-Medicine	55
Bachelor of Science	3	Soils	9
Botany	11	Textile Chemistry	144
Chemical Engineering	49	Textile Engineering	631
Chemistry	204	Textile Industrial Education	85
Chemistry and Geology	11	Veterinary Science	16
Chemistry-Engineering	26	Vocational Agricultural Education	368
Civil Engineering	583	Weaving and Designing	42
Dairy	196		

Double Majors

Agricultural Chemistry and Arts and Science	1
Agricultural Chemistry and General Science	1
Agricultural Economics and Animal Husbandry	1
Animal Husbandry and Vocational Agricultural Education	1
Animal Husbandry and Agricultural Education	3
Animal Husbandry and Dairy	2
Architecture and Architectural Engineering	3
Arts and Science and Agricultural Economics	1
Chemistry and Chemical Engineering	1
Chemistry and Chemistry-Engineering	1
Chemistry and General Science	1
Chemistry and Industrial Physics	1
Chemistry and Agricultural Chemistry	1
Civil Engineering and Chemistry and Geology	2
Electrical Engineering and Mechanical Engineering	12
Horticulture and Agronomy	1
Textile Engineering and Mechanical and Electrical Engineering	1
Textile Engineering and Textile Industrial Education	1
Textile Engineering and Weaving and Designing	1
Total Graduates from 1896 through 1945	6720

GRADUATES OF 1946

DEGREES CONFERRED FEBRUARY 2, 1946

School of Agriculture

Bachelor of Science Degree

Agriculture—Agricultural Economics Major

Boyd Joseph Todd ---------- Loris

School of Engineering

Bachelor of Civil Engineering Degree

James Hadley Harley ---------- Anderson

Bachelor of Mechanical Engineering Degree

Edward Ford Byars ---------- Rock Hill
William Charles McElreath ---------- Wadley, Ga.
Henry Deas Richardson ---------- Orangeburg

DEGREES CONFERRED MAY 19, 1946

School of Agriculture

Bachelor of Science Degree

General Agriculture

Ned Monroe Crow ---------- Fairforest

Agriculture—Agricultural Economics Major

DeForest Secrest Hungerford, Jr. ---------- Spartanburg
Joe Allen Martin ------ Bowersville, Ga.

Agriculture—Agronomy Major

Peter Tilley Bardin ---------- Cameron

Agriculture—Animal Husbandry Major

Hubert Cheek, Jr. ---------- Bowersville, Ga.

School of Chemistry

Bachelor of Science Degree

Chemistry

*Louis Foster Theiling, Jr. ---------- Orangeburg

School of Engineering

Bachelor of Science Degree

Architecture

Melvin Floyd Gay ---------- Kershaw
O'Neal Jacobs, Jr. ---------- Laurens

Architectural Engineering

Onan Beverley Riley ---------- Sumter

Chemistry-Engineering

*Jared LeRoy Johnson ---------- Clinton
Edward Taylor Viser ---------- Greenville

* With Honor.

Bachelor of Civil Engineering Degree

*Henry Chapman Jones ___ Spartanburg
John Mattison Mahon ____ Calhoun Falls
Harold Simpson Payne__Cartersville, Ga.
Alvin Eugene Pettit _____ Greer

Bachelor of Electrical Engineering Degree

James Constantine Antonakos__Anderson
Louis William Davis _____ Charleston

Bachelor of Mechanical Engineering Degree

Gordon Hamlet Burgess__Lynchburg, Va.
*William Garraux Hudson___Westminster
Raymond Daniel Myers ____ Orangeburg
Charles Augustus Spencer ___ Greenville
Dale Gilbert Vander Voort _____ Aiken

SCHOOL OF ARTS AND SCIENCES

Bachelor of Science Degree

General Science

James Pruitt Abrams —_____ Whitmire

Pre-Medicine

*Frank Strait Fairey _____ St. Matthews
Earl Rivers Jones _____ Bethune
William Clayton Robertson _____ Oilville, Va.

SCHOOL OF TEXTILES

Bachelor of Science Degree

Textile Engineering

Gerald John Ballenger _____ Tucapau
Furman Jamison Brannon, Jr.____Slater
William Cullen Brooks _____ Prosperity
Joseph Lane Cartee _____ Liberty
*Fletcher Jordan Hawkins ___ Greenville
Weldon Thurman Myers _____ Tucapau
Thomas Eugene Peterson___Spartanburg
Marvin Joseph Pinson, Jr.__Spartanburg
William Maxwell Poe _____ Greenville
Joseph Clyde Simmons _____ Greenville
Archie Lee Todd, Jr. _____ Anderson

SCHOOL OF VOCATIONAL EDUCATION

Bachelor of Science Degree

Vocational Agricultural Education

William Alexander Handley _____ LaGrange, Ga.
Harold Funderburk Miller ____ Jefferson
*Ralph Noah Moore _____ Clemson

DEGREES CONFERRED AUGUST 1, 1946

SCHOOL OF AGRICULTURE

Bachelor of Science Degree

Agriculture—Entomology Major

Edward Herman Warnhoff, Jr. ___ Alexandria, Va.

SCHOOL OF ENGINEERING

Bachelor of Civil Engineering Degree

Ezio Smoyver _____ Brooklyn, N. Y.

Bachelor of Mechanical Engineering Degree

Richard Bankston Caughman___Columbia
Alonzo Eugene Weaver _____ Jacksonville, Fla.

* With Honor.

SCHOOL OF ARTS AND SCIENCES

Bachelor of Science Degree

General Science

Harold Huntley Baxley _____ Kershaw Arthur Millwee Klugh, Jr._____Anderson
James Olin Murray _____ Navy Yard

SCHOOL OF TEXTILES

Bachelor of Science Degree

Textile Engineering

Frank Hodges Crowther _____ Clemson James Ray Hunter _____ Lancaster

SCHOOL OF VOCATIONAL EDUCATION

Bachelor of Science Degree

Vocational Agricultural Education

Milledge Golphin Austin, Jr.____Cameron James Etsel Hopper _____ Dillard, Ga.
Robert Earl Lindler _____ Chapin

DEGREES CONFERRED OCTOBER 1, 1946

SCHOOL OF AGRICULTURE

Bachelor of Science Degree

General Agriculture

Leo Franklin Williams _____ Woodleaf, N. C.

Agriculture—Agricultural Economics Major

Jackson Vahl McElveen _____ Cades

Agriculture—Animal Husbandry Major

Edward Pickett Wright _____ Seneca

Agriculture—Dairy Major

Callie Boyd Parr, Jr. _____ Newberry

Agriculture—Horticulture Major

*Henry Mazyck Simons, Jr. _____ Charleston

SCHOOL OF CHEMISTRY

Bachelor of Science Degree

Chemistry

*Paul L. Ritchie _____ Greenville Julian Walter Shirley _____ Ware Shoals

SCHOOL OF ENGINEERING

Bachelor of Science Degree

Chemistry-Engineering

William Joseph Ketchum _____ Savannah, Ga.

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* With Honor.

Bachelor of Civil Engineering Degree

Alton Benjamin Cumbie, Jr.—Lyons, Ga.
John Martin Ford, Jr. ———— Clover
John Paul Hedden ———— Walhalla

Bachelor of Electrical Engineering Degree

*John George Buttner—Baltimore, Md.
Crawley Alfred Parris—New York, N. Y.

Bachelor of Mechanical Engineering Degree

John Andrew Brunetti—Brooklyn, N. Y.
Hubert Clifton Johnson ———— Trenton
John Cooper Martin ———— Cowpens
*Roger Rawson ———— Cincinnati, Ohio
Angus Rose Nicholson Stewart
———— Woodward
Robert Kline Van Ausdal—Dayton, Ohio

SCHOOL OF ARTS AND SCIENCES

Bachelor of Science Degree

General Science

John Ernest Connor ———— Smoaks
Ace Calvin Workman, Jr. ———— Clinton

Pre-Medicine

Cecilio Pedrosa ———— San Juan, P. R.

SCHOOL OF TEXTILES

Bachelor of Science Degree

Textile Chemistry

Ralph Truesdale Hall ———— Columbia

Textile Engineering

Jesse A. Boyce ———— Clinton
Ray Elbert Chandler ———— Darlington
*Laconla Hinson Hance ———— Lancaster
William Octavius Ruddock
———— Kings Mountain, N. C.
Allen Kelsey Wood, Jr. ———— Pierce, Fla.

SCHOOL OF VOCATIONAL EDUCATION

Bachelor of Science Degree

Vocational Agricultural Education

Theron Woodruff Dillard ———— Liberty

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* With Honor.

GRADUATES OF 1946 BY MAJOR COURSES

School of Agriculture	12
General Agriculture	2
Agricultural Economics	4
Agronomy	1
Animal Husbandry	2
Dairy	1
Entomology	1
Horticulture	1
School of Chemistry	3
Chemistry	3
School of Engineering	35
Architecture	2
Architectural Engineering	1
Chemistry-Engineering	3
Civil Engineering	9
Electrical Engineering	4
Mechanical Engineering	16
School of Arts and Sciences	10
General Science	6
Pre-Medicine	4
School of Textiles	19
Textile Chemistry	1
Textile Engineering	18
School of Vocational Education	7
Vocational Agricultural Education	7
Total Graduates of 1946	**86**

TOTAL GRADUATES BY MAJOR COURSES
1896 — 1946

Major Course	*Total*	*Major Course*	*Total*
Agriculture	243	Education	19
Agriculture and Animal Industry	80	Electrical Engineering	611
Agriculture and Chemistry	69	Engineering Industrial Education	70
Agricultural Chemistry	99	Entomology	106
Agricultural Economics	119	Forestry	8
Agricultural Education	197	General Science	327
Agricultural Engineering	102	Horticulture	263
Agronomy	446	Industrial Education	94
Animal Husbandry	229	Industrial Physics	3
Architectural Engineering	11	Mechanical Engineering	372
Architecture	195	Mechanical and Electrical Engineering	489
Arts and Science	137	Pre-Medicine	59
Bachelor of Science	3	Soils	9
Botany	11	Textile Chemistry	145
Chemical Engineering	49	Textile Engineering	649
Chemistry	207	Textile Industrial Education	85
Chemistry and Geology	11	Veterinary Science	16
Chemistry-Engineering	29	Vocational Agricultural Education	375
Civil Engineering	592	Weaving and Designing	42
Dairy	197		

Double Majors

Agricultural Chemistry and Arts and Science	1
Agricultural Chemistry and General Science	1
Agricultural Economics and Animal Husbandry	1
Animal Husbandry and Vocational Agricultural Education	1
Animal Husbandry and Agricultural Education	3
Animal Husbandry and Dairy	2
Architecture and Architectural Engineering	4
Arts and Science and Agricultural Economics	1
Chemistry and Chemical Engineering	1
Chemistry and Chemistry-Engineering	1
Chemistry and General Science	1
Chemistry and Industrial Physics	1
Chemistry and Agricultural Chemistry	1
Civil Engineering and Chemistry and Geology	2
Electrical Engineering and Mechanical Engineering	12
Horticulture and Agronomy	1
Textile Engineering and Mechanical and Electrical Engineering	1
Textile Engineering and Textile Industrial Education	1
Textile Engineering and Weaving and Designing	1
Total Graduates from 1896 through 1946	6805

LIST OF STUDENTS

FIRST TERM, SUMMER SEMESTER, 1945

The names are arranged in alphabetical order and following the names are symbols indicating classes and courses. The numerals preceding the course symbols refer to classes, viz.: 1, Freshman; 2, Sophomore; 3, Junior; 4, Senior. (Classified as of first term. See page --) A-Agriculture (abbreviation indicates major course for juniors and seniors); Agr-Agronomy; AH-Animal Husbandry; D-Dairy; Ag Ec-Agricultural Economics; Ag Engr-Agricultural Engineering; Ent-Entomology; Hort-Horticulture; GS-General Science; Pre-Med-Pre-Medical; Ind- Phy--Industrial Physics; Ar-Architecture; Ar Engr-Architectural Engineering; C-Chemistry; E-Engineering (all engineering freshman); CE-Civil Engineering; Ch-Engr-Chemistry Engineering; EE-Electrical Engineering; ME-Mechanical Engineering; TE-Textile Engineering; TC-Textile Chemistry; V Ag Ed-Vocational Agricultural Education; Ed-Education; I Ed-Industrial Education; S-Special (not classified.) New students admitted in June, 1945, are indicated by an asterisk (*).

Name and Course	Address
Adams, J. A. (1 E)*	Branchville
Alexander, J. M. (1 GS)*	Clemson
Alley, G. I. (1 TC)	Columbia
Anderson, F. W. (1 E)*	Beaufort
Anderson, J. B. (1 E)*	Spartanburg
Anderson, J. E. (1 E)*	Chester
Antonakos, J. (3 EE)	Anderson
Atkinson, A. A. (2V Ag Ed)	Gresham
Atkinson, E. D. (1 E)*	Greenville
Bailey, W. P. (1 Pre-Med)*	Greenwood
Baker, M. F. (4 V Ag Ed)	Marietta
Baldwin, C. M. (1 E)	Georgetown
Ballas, J. A. (3 ME)	Washington, D. C.
Ballenger, G. J. (3 TE)	Tucapau
Ballenger, R. D. (1 A)	Wellford
Banks, D. H. (1 GS)*	St. Matthews
Barnes, J. M. (4 EE)	Rock Hill
Bates, W. C. (1 GS)*	Marietta
Batson, L. P. (1 TE)*	Greenville
Beckham, M. A. (1 GS)*	Heath Springs
Bedenbaugh, H. M. (2 V Ag Ed)	Prosperity
Bell, C. B. (3 V Ag Ed)	Pinewood
Bishop, F. J. (1 Pre-Med)	Columbia
Bishop, W. W. (1 E)	Valley Falls
Black, H. N. (1 E)*	Ruffin
Blair, A. F. (1 E)*	Blair
Blount, J. B. (1 E)	Bath
Bobo, D. (1 E)*	Gray Court
Bolchoz, T. R. (2 EE)	Charleston
Bolt, W. F. (1 Ch-Engr)*	Anderson
Bost, W. J. (2 EE)	Spartanburg
Bouknight, F. H. (1 E)*	Batesburg
Boylston, H. G. (4 ME)	Barnwell
Brackett, N. C. (1 Ar)*	Pickens
Bradham, J. F. (1 V Ag Ed)*	Greeleyville
Brady, J. L. (3 TE)	Spartanburg
Bright, M. (1 E)*	Lyman
Brown, C. W. (2 Ar)	Florence
Brown, W. J. (1 GS)*	Walhalla
Brunetti, J. A. (3 ME)	Brooklyn, N. Y.
Bryant, W. D. (2 GS)	Orangeburg
Busch, C. W. (2 GS)	Aiken
Butz, J. S. C. (1 GS)*	Jacksonville, Fla.
Byars, E. F. (4 ME)	Rock Hill
Byars, R. P. (1 E)	Gaffney
Cagle, M. E. (1 V Ag Ed)	Andrews
Callaham, J. W. (1 Pre-Med)*	Liberty
Cannon, M. P. (1 E)*	Greenville
Carmichael, C. (1 Ag Engr)*	Fork
Carr, W. G. (1 TE)*	Goldville
Carraway, A. J. (2 EE)	Timmonsville
Cartee, J. L. (3 TE)	Liberty
Carter, M. J. (2 V Ag Ed)	Timmonsville
Cauthen, R. K. (1 E)*	Rock Hill
Chambers, H. C. (1 E)*	Lobeco
Chapman, R. M. (1 V Ag Ed)*	Hartsville
Cheek, F. L. (2 CE)	St. Andrew, Fla.
Cobb, W. A. (1 TE)	Pelzer
Coney, J. R. (1 Ar Engr)*	Columbia
Conrad, R. O. (1 TE)*	Union
Cook, L. N. (1 Pre-Med)*	Gray Court
Cooper, C. C. (1 E)*	Union
Corbett, R. L. (1 E)*	Wagener
Corbin, W. E. (1 E)*	Brunson
Courtenay, S. J. (1 E)*	Greenville
Covington, T. A. (2 V Ag Ed)	Norway
Cox, C. R. (1 Ed)*	Camden
Cox, W. H. (1 A)	Latta
Coxe, W. B. (2 TE)	Greenville
Craig, D. L. (1 GS)*	Greenville
Craig, H. B. (1 E)*	Liberty
Cumbie, A. B. (3 CE)	Lyons, Ga.
Dabney, T. F. (2 EE)	Rock Hill
Daniel, S. E. (1 E)*	Mullins
Davis, J. G. (1 E)*	Navy Yard
Davis, L. W. (4 EE)	Charleston
Dawson, A. D. (1 A)	St. Petersburg, Fla.
Dellinger, D. F. (1 E)*	Andrews
Dellinger, D. G. (1 E)*	Cherryville, N. C.
DesChamps, W. P. (1 E)*	Bishopville
DeVore, F. W. (2 ME)	Ninety Six
DeVore, W. N. (2 CE)	Ninety Six
Dixon, L. F. (1 E)*	Greenville
Dobbins, J. G. (3 EE)	Anderson
Doolittle, C. W. (1 E)*	Athens, Ga.
Dukes, W. F. (1 C)*	Branchville
Earle, J. R. (1 GS)*	Walhalla
Easler, O. F. (1 E)	Pacolet
Epps, W. C. (1 V Ag Ed)	New Zion
Ervin, J. M. (3 Pre-Med)	Darlington
Evans, J. G. (1 Pre-Med)*	Pendleton
Evans, J. W. (2 EE)	Kingstree
Fant, A. R. (1 Ar)*	Anderson
Fant, M. A. (2 ME)	Anderson
Farah, C. E. (2 ME)	Whitmire
Fernandez, M. (2 Ag Engr)	Alajuela, C. R.
Fields, H. (2 EE)	Florence
Floyd, L. W. (1 Pre-Med)*	Manning
Fogarty, S. (2 CE)	Charleston
Font, J. A. (2 EE)	Santurce, P. R.
Fowler, J. W. (2 EE)	Gaffney
Fox, R. C. (1 E)	Morganton, N. C.
Freeman, C. E. (1 Ch-Engr)*	Liberty
Friar, R. G. (1 E)*	Montmorenci

Name and Course	Address
Friday, J. B. (2 Ch-Engr)	Charleston
Frierson, H. F. (2 Pre-Med)	Union
Gamble, D. E. (1 E)*	Andrews
Gamble, J. P. (1 A)*	Lanes
Gambrell, G. C. (2 TE)	Seneca
Garner, C. B. (1 E)*	Lyman
Gault, T. D. (1 E)*	Gaffney
Gentry, T. H. (1 V Ag Ed)	Summerton
Gill, W. P. (1 E)*	Rock Hill
Godfrey, C. H. (1 E)	Florence
Godwin, W. Y. (1 E)*	Summerton
Goodman, W. M. (1 E)*	Olanta
Gordon, J. C. (1 E)*	Greenville
Gordon, J. W. (1 E)*	Willard, Ohio
Graham, W. D. (2 TE)*	Rock Hill
Gulledge, J. M. (2 A)	Callison
Hammett, J. S. (1 TE)*	Anderson
Hamrick, W. L. (1 TE)	Gaffney
Hancock, H. D. (1 ED)*	Camden
Hanvey, R. E. (1 E)*	McCormick
Harley, J. H. (3 CE)	St. George
Harmon, C. R. (S)	Burlington, N. C.
Harrell, W. R. (1E)*	Westminster
Harrelson, J. B. (1 V Ag Ed)	Tabor City, N. C.
Harris, G. S. (2 ME)	Abbeville
Harrison, P. B. (2 Ar)	St. Matthews
Harte, N. N. (2 TE)	Spartanburg
Heins, C .H. (1 E)*	Charleston
Helms, J. M. (2 Pre-Med)*	Rock Hill
Heron, T. G. (1 E)*	Parr
Herron, W. C. (1 Ch-Engr)*	Anderson
Higgins, R. G. (1 E)*	Newberry
Hodge, S. E. (2 EE)	Georgetown
Hollingsworth, A. W. (1 E)*	Greenwood
Hollis, N. M. (1 E)*	Rock Hill
Hopkins, A. R. (2 Pre-Med)	Central
Horne, B. S. (1 E)*	Charleston
Horton, S. R. (1 E)*	Rock Hill
Humphries, W. B. (1 E)	Gaffney
Hungerford, D. S. (3 A)	Spartanburg
Hunsuck, E. E. (2 Pre-Med)	Gaffney
Inabnit, W. D. (4 C)	Murrells Inlet
Jackson, W. H. (1 E)*	Bennettsville
Jeffords, F. Y. (2 V Ag Ed)	Biloxi, Miss.
Jenkins, D. M. (1 E)*	Union
Jenkins, W. R. (2 V Ag Ed)	Lenoir City, Tenn.
Johnson, J. T. (1 A)*	Lynchburg
Jones, E. E. (1 Pre-Med)	Salley
Jones, H. E. (1 E)*	Sandy Springs
Jones, J. D. (1 Pre-Med)*	Fort Mill
Jones, W. C. (1 E)*	Greenville
Jordan, H. M. (1 V Ag Ed)*	Hartsville
Kennerly, D. A. (2 EE)	Cordova
Kirby, J. A. (1 V Ag Ed)*	Salters
Lake, W. H. (1 E)*	Walhalla
Lambert, S. S. (1 Pre-Med)*	Elloree
Land, J. E. (1 Pre-Med)*	Buffalo
Langford, T. H. (1 Ag Engr)	Furman
Langston, C. E. (1 V Ag Ed)	Timmonsville
Lesley, J. B. (2 Pre-Med)	Easley
Lever, M. D. (1 E)*	McConnellsville
Lewis, G. F. (1 Pre-Med)	Orlando, Fla.
Liles, J. S. (1 E)*	Charlotte, N. C.
Lindsay, W. E. (3 TE)	Jonesville
Livingston, M. (2 V Ag Ed)	Salley
Looper, L. B. (2 V Ag Ed)	Dacusville
Love, T. B. (1 Pre-Med)*	Monroe, N. C.
Lowder, C. E. (1 V Ag Ed)	Turbeville
Lowman, J. B. (2 TE)	Ballentine
Lucius, H. (1 Ag Engr)*	Dillon
Lynn, M. C. (1 Pre-Med)	Lancaster
Lyons, J. L. (1 E)*	Beaufort
McAlhany, T. D. (4 ME)	Anderson
McCraw, T. F. (1 E)*	Gaffney
McCulloch, J. T. (2 Ar)	Charlotte, N. C.
McDowell, B. T. (1 TE)	Greenwood

Name and Course	Address
McGill, L. G. (2 Ag Engr)	Anderson
McGowan, E. P. (1 E)*	Frogmore
McKeown, B. L. (1 TE)	Lancaster
McKissick, A. F. (1 TE)	Greenville
McKissick, R. E. (1 Ed)	Kingstree
McLain, J. R. (2 V Ag Ed)	Patrick
McLane, S. F. (1 E)*	Gaffney
McLaurin, A. H. (1 E)*	Bennettsville
McLeod, G. T. (1 E)*	Greenville
Mace, R. G. (1 GS)*	Gresham
Mack, J. H. (1 E)*	Garnett
Mackenzie, M. B. (2 Ar)	Charleston
Mahaffey, J. A. (1 E)	Lancaster
Marshall, W. L. (4 C)	Columbia
Martin, R. A. (1 Pre-Med)*	Fort Mill
Massey, W. E. (1 Ar-Engr)*	Greenville
Mattison, R. T. (1 E)*	Aiken
Meares, J. M. (1 Ar)*	Nichols
Melton, T. C. (2 V Ag Ed)	Chesterfield
Meredith, B. M. (1 E)*	Greenville
Miles, J. A. (1 E)*	Moncks Corner
Miller, O. (2 V Ag Ed)	Wagener
Morgan, M. L. (1 GS)*	Oakboro, N. C.
Morris, E. S. (1 TE)	Paterson, N. J.
Moseley, M. C. (S)*	Clemson
Murphy, J. J. M. (1 E)*	Charleston
Murray, J. O. (3 GS)	Navy Yard
Myers, W. T. (4 TE)	Tucapau
Neely, B. R. (1 E)*	Rock Hill
Nelson, J. B. (1 E)*	Spartanburg
Norris, F. K. (1 Ag Engr)*	Eutawville
Norris, J. E. (4 GS)	Vance
Nunn, W. B. (2 Pre-Med)	Andrews
Oliver, J. S. (1 E)*	Greeleyville
Owen, W. H. (2 Ch-Engr)	Rock Hill
Page, A. C. (2 EE)	Eagle Springs, N. C.
Parker, H. B. (4 V Ag Ed)	Pendleton
Parkman, H. D (1 V Ag Ed)*	Saluda
Parris, C. A. (3 EE)	Blacksburg
Pate, H. R. (1 Ag Engr)*	Cassatt
Paysinger, R. B. (3 GS)	Ninety Six
Perry, J. M. (2 TE)	Charlotte, N. C.
Perry, T. S. (2 V Ag Ed)	Liberty
Person, R. L. (2 EE)	Greenville
Peschl, F. C. (2 ME)	Hendersonville, N. C.
Pinner, W. W. (1 E)*	Seneca
Pinson, M. J. (3 TE)	Spartanburg
Pittman, E. H. (2 Ch-Engr)	Bishopville
Pitts, J. H. (2 Ag Engr)	Clinton
Plaxico, J. S. (4 Ag)	Sharon
Pressley, J. H. (1 Ch-Engr)*	Americus, Ga.
Rauch, R. J. (1 E)*	Rock Hill
Reasonover, W. S. (2 GS)	Camden
Reeves, E. R. (1 E)*	Branchville
Reeves, F. M. (1 E)	Ridgeway
Rhame, E. H. (2 EE)	Sumter
Rhodes, H. G. (1 E)	Darlington
Richbourg, W. W. (1 Ar)*	Union
Ridenhour, G. C. (1 E)*	Greenville
Rigby, A. J. (3 ME)	Kingstree
Roberts, D. E. (1 V Ag Ed)	Chester
Robinson, A. B. (1 GS)*	Easley
Rochester, J. R. (1 E)*	Greenville
Rogers, T. L. (1 E)*	Sumter
Russell, G. P. (1 ME)	Navy Yard
Rutledge, J. R. (1 Pre-Med)*	Greenville
Salley, D. C. (2 ME)	Saluda
Sartor, C. C. (4 Pre-Med)	Sharon, Pa.
Saunders, F. B. (3 EE)	Aulander, N. C.
Saylor, R. O. (1 Ag Engr)*	North
Sease, W. R. (2 V Ag Ed)	Lexington
Shealy, P. S. (1 E)*	Batesburg
Shelnut, J. R. (2 ME)	Greenville
Shepard, J. R. (1 Ar)	Washington, D. C.
Sherard, S. (1 E)	Toccoa, Ga.
Sherard, S. F. (1 V Ag Ed)	Calhoun Falls
Simpson, D. N. (2 CE)	Anderson
Skinner, C. R. (2 V Ag Ed)	Mayesville

Name and Course	Address
Smalley, C. E. (1 E)*	Lincolnton, Ga.
Smith, J. A. (2 ME)	San Juan, P. R.
Smith, L. B. (1 Pre-Med)*	Athens, Ga.
Smithwick, W. A. (1 A)*	Chester
Soubeyroux, R. S. (1 Ar-Engr)*	Charleston
Spires, T. H. (1 Ch-Engr)*	Dawson, Ga.
Stackhouse, T. F. (1 A)	Florence
Stanley, J. A. (1 E)*	Sumter
Stevens, J. E. (1 TE)	Spartanburg
Stone, W. C. (1 TE)	Chester
Storey, P. E. (1 Pre-Med)*	Greenville
Stoudenmire, S. W. (2 V Ag Ed)	Lone Star
Strickland, C. H. (1 GS)*	Oakboro, N. C.
Stroman, J. L. (1 E)*	Orangeburg
Suddeth, J. A. (2 Ch-Engr)	Clinton
Swygert, L. S. (1 A)	Waterloo
Taylor, E. G. (1 E)*	Columbia
Taylor, W. H. (1 TE)*	Newman, Ga.
Taylor, W. R. (1 Ch-Engr)	Athens, Ga.
Theiling, L. F. (3 C)	Orangeburg
Thomas, R. J. (1 E)*	Fort Mill
Tolbert, J. A. (2 ME)	Greenville
Touchberry, R. W. (4 AH)	Pinewood
Turner, E. C. (2 ME)	Clemson
Turner, M. N. (1 Ar-Engr)*	Spartanburg
Tuten, J. M. (1 TE)*	Greenville
Tyler, H. H. (2 EE)	Aiken
Tyson, S. E. (1 E)*	Strother
Wallace, A. P. (1 A)*	Cheraw
Wallace, O. L. (2 A)	Dillon
Wallace, T. E. (3 V Ag Ed)	Bennettsville
Wallace, W. H. (1 E)*	Greenville
Watson, H. J. (2 Ind-Phys)	Charleston
Wells, J. W. (1 E)*	Gaffney
Wessell, T. J. (1 E)*	Andrews
Wessinger, J. E. (2 EE)	Leesville
Wessinger, N. C. (2 EE)	Springfield
Whitehead, L. E. (2 EE)	Gainesville, Ga.
Williams, L. E. (1 Pre-Med)*	Toccoa, Ga.
Williams, L. F. (2 V Ag Ed)	Woodleaf, N. C.
Williamson, M. E. (1 V Ag Ed)	Donalds
Williamson, N. E. (2 EE)	York
Willis, J. C. (1 E)*	Owings
Wilson, W. N. (1 E)*	Williamston
Wise, P. B. (1 V Ag Ed)*	Trenton
Wood, A. L. (1 E)*	Newberry
Wood, J. R. (1 E)*	York
Wooten, L. E. (1 Ch-Engr)*	Greenville
Workman, R. R. (1 Ar)*	Charlotte, N. C.
Wylie, W. O. (1 E)*	Chester
Zuver, M. P. (1 V Ag Ed)*	Clemson

†*SUPPLEMENTARY LIST OF STUDENTS, SECOND TERM, SUMMER SEMESTER, 1945*

Name and Course	Address
Alexander, B. M. (1 Ch-Engr)*	Lyman
Alexander, W. R. (1 E)*	Bishopville
Alford, H. I. (2 GS)	Hartwell, Ga.
Ashe, E. G. (1 E)*	Murphy, N. C.
Aughtry, J. E. (1 TE)*	Lyman
Banks, J. J. (1 Ch-Engr)*	Augusta, Ga.
Barnwell, G. H. (2 Ed)	Florence
Bell, J. D. (1 E)*	Navy Yard
Bell, J. E. (1 E)*	Orangeburg
Bingham, K. A. (1 E)*	Kingsport, Tenn.
Black, E. W. (1 Ch-Engr)*	Barnwell
Blakely, C. B. (1 E)*	Chester
Bonnoitt, E. L. (1 E)*	Florence
Boyd, W. L (1 E)*	York
Boykin, T. R. (1 E)*	McColl
Brannon, F. J. (4 TE)	Slater
Brunson, M. O. (2 C)	Estill
Burnett, J. M. (1 TE)*	Greer
Carlton, W. V. (1 Pre-Med)*	Smoaks
Caroll, J. P. (1 E)*	Buffalo, N. Y.
Carson, J. D. (1 E)	Anderson
Chaplin, J. F. (2 A)	Myrtle Beach
Clanton, R. M. (1 Pre-Med)*	Darlington
Clements, E. L. (1 A)*	Lynchburg
Cloud, R. P. (1 E)*	Kingsport, Tenn.
Cockrell, C. W. (2 CE)	Batesburg
Connelly, J. G. (1 TE)	Morganton, N. C.
Cox, J. F. (1 E)*	Navy Yard
Crosland, J. D. (1 Pre-Med)*	Columbia
Crow, N. M. (4 A)	Fairforest
Davis, C. E. (2 CE)	Greenwood
Davis, J. M. (1 Ed)	Norway
Davis, R. S. (1 E)*	Spencer, N. C.
DeLoach, G. E. (2 ME)	Beaufort
Dent, C. R. (1 Ag Engr)*	St. Matthews
Doyle, G. P. (1 E)*	Buffalo, N. Y.
Dyer, C. A. (1 Ch-Engr)*	Charleston
Edens, R. W. (1 Pre-Med)*	Bennettsville
Evanisko, E. R. (1 E)*	Johnstown, Pa.
Folk, D. P. (2 CE)	Denmark
Frazer, J. W. (1 Pre-Med)*	Charlotte, N. C.
Freeman, E. W. (2 Ed)	Greenville
Funchess, W. H. (2 Ag Engr)	Rowesville
Gage, R. (1 GS)*	Anderson
Gandy, V. (1 Ar)*	Florence
Greene, T. A. (1 Pre-Med)*	Asheville, N. C.
Gregory, D. R. (1 E)*	Belton
Hawkins, J. W. (2 EE)	Greenwood
Imershein, R. E. (1 E)*	Woodmere, N. Y.
Inman, C. M. (1 E)*	York
Janowsky, G. M. (1 E)*	North Tonawanda, N. Y.
Jones, D. C. (1 E)*	Barnwell
Jordon, S. B. (1 E)*	Conway
Kitchen, A. B. (2 ME)	Augusta, Ga.
Klettner, S. J. (1 Ch-Engr)*	Hartsville
Kroeger, R. C. (1 E)*	Buffalo, N. Y.
Lindler, A. L. (1 Pre-Med)*	Chapi
Lowman, R. W. (2 EE)	Denmar
McKissick, E. S. (1 TE)*	Greenvill
McLees, J. H. (1 E)*	Greenvill
Mellette, R. R. (2 Pre-Med)	Aike
Miller, J. R. (1 V Ag Ed)*	Erwin, Tenn.
Moore, E. T. (1 V Ag Ed)*	Lake Cit
Moorer, J. M. (2 EE)	Navy Yar
Oxner, V. C. (1 TE)*	Kinard
Palles, N. L. (1 E)*	Florenc
Parker, R. B. (1 E)*	Ridgelan
Parrish, C. A. (1 Ed)*	Laurinburg, N. C
Parrott, C. J. (1 TC)*	Yor
Patton, R. H. (1 V Ag Ed)	Gray Cou
Paulling, H. E. (2 EE)	St. Matthew
Pedrosa, C. (4 Pre-Med)	San Juan, P. I
Perry, B. J. (2 EE)	Ridgelar
Phillips, J. H. (1 E)*	Raleigh, N. C
Poe, W. M. (4 TE)	Greenvil
Preacher, W. C. (1 E)*	Ridgelar
Pruitt, G. J. (1 TE)*	Gre
Quick, G. R. (1 Pre-Med)*	Bennettsvil
Quinn, D. W. (2 TE)*	Pelz
Rappe, M. R. (1 Ar Engr)*	Sumt
Reynolds, J. T. (1 E)*	Johnstown, P
Rigby, J. N. (1 E)*	Kingstr
Rushton, H. G. (1 E)*	Greenvil

Name and Course	Address
Schack, C. J. (1 GS)*	Kenmore, N. Y.
Scott, R. B. (1 E)*	York
Senn, C. J. (2 A)	Columbia
Shoemaker, J. L. (1 Ed)*	Charlotte, N. C.
Shugart, W. H. (1 A)*	Sumter
Simpson, V. B. (1 E)*	Clinton
Stathakis, A. J. (2 ME)	Chester
Stokes, C. L. (1 E)*	Camden
Sublette, R. A. (1 TE)*	Westminster
Sultis, J. E. (1 E)*	Beaumont, Texas
Thompson, O. N. (1 E)*	Columbia
Timmerman, E. M. (1 E)*	Clinton
Tokunaga, R. W. (1 A)	Columbia
Tribble, D. E. (1 Ar)*	Clinton
Walters, G. A. (1 E)	Columbia
Watson, R. H. (1 TE)	Enoree
Watson, R. O. (1 Pre-Med)*	Blaney
Wiggs, M. R. (2 Ch-Engr)	Fayetteville, N. C.
Williams, J. K. (1 E)*	Patrick
Wise, K. C. (1 TE)*	Prosperity
Wolfe, T. M. (1 E)	Orangeburg
Woods, M. R. (3 TE)	Greenville
Wright, W. B. (1 GS)*	Anderson

†Students enrolled for the second term who were not enrolled for the first term. In this list, students are classified according to their credits at the beginning of the second term; new students admitted at the beginning of the second term are indicated by an asterisk (*).

NUMBER OF STUDENTS MAJORING IN EACH CURRICULUM
1945 SUMMER SEMESTER

Classification	Agriculture	Agricultural Engineering	Chemistry	Architecture or Architectural Engineering	Engineering (Unclassified)	Chemistry-Engineering	Civil Engineering	Electrical Engineering	Mechanical Engineering	General Science	Industrial Physics	Pre-Medical	Textile Engineering	Textile Chemistry and Dyeing	Vocational Agricultural Education	Education	Industrial Education	Special	Enrollment by Classes
Senior	3	0	2	0		0	0	0	3	1	0	2	3	0	2	0	0		18
Junior	1	0	1	0		0	2	2	3	2	0	1	6	0	2	0	0		22
Sophomore	4	4	1	2		4	7	4	13	4	1	6	7	0	14	2	0		93
Freshman	12	7	1	14	138	13	0	24	0	15	0	28	23	2	21	6	0		280
Special																		2	2
Total	20	11	5	16	138	17	9	30	19	22	1	37	39	2	39	8	0	2	415

ENROLLMENT BY COUNTIES AND STATES

1945 SUMMER SEMESTER

County	*Total*
Abbeville	3
Aiken	10
Allendale	0
Anderson	21
Bamberg	2
Barnwell	3
Beaufort	5
Berkeley	1
Calhoun	6
Charleston	17
Cherokee	9
Chester	7
Chesterfield	4
Clarendon	5
Colleton	2
Darlington	6
Dillon	4
Dorchester	1
Edgefield	1
Fairfield	4
Florence	12
Georgetown	8
Greenville	34
Greenwood	9
Hampton	4
Horry	3
Jasper	3
Kershaw	5
Lancaster	4
Laurens	12
Lee	5
Lexington	6
McCormick	1
Marion	3
Marlboro	6
Newberry	5
Oconee	8
Orangeburg	16
Pickens	12
Richland	11
Saluda	2
Spartanburg	20
Sumter	10
Union	7
Williamsburg	8
York	23
South Carolina Total	348

State or Country	*Total*
Costa Rica	1
District of Columbia	2
Florida	5
Georgia	14
Mississippi	1
New Jersey	1
New York	7
North Carolina	25
Ohio	1
Pennsylvania	3
Puerto Rico	2
South Carolina	348
Tennessee	4
Texas	1
Grand Total	415

LIST OF STUDENTS, FIRST SEMESTER, 1945-1946

The names are arranged in alphabetical order and following the names are symbols indicating classes and courses. The numerals preceding the course symbols refer to classes, viz.: 1, Freshman; 2, Sophomore; 3, Junior; 4, Senior. (Classified as of first semester. See page __) A-Agriculture (abbreviation indicates major course for juniors and seniors); Agr-Agronomy; AH-Animal Husbandry; D--Dairy; Ag Ec-Agricultural Economics; Ag Engr-Agricultural Engineering; Ent-Entomology; Hort-Horticulture; GS-General Science; Pre-Med-Pre-Medical; Ind- Phy—Industrial Physics; Ar-Architecture; Ar Engr-Architectural Engineering; C-Chemistry; E-Engineering (all engineering freshman); CE-Civil Engineering; Ch-Engr-Chemistry Engineering; EE-Electrical Engineering; ME-Mechanical Engineering; TE-Textile Engineering; TC-Textile Chemistry; V Ag Ed-Vocational Agricultural Education; Ed-Education; I Ed-Industrial Education. S-Special (not classified); PG-Postgraduate. New students admitted in September, 1945, are indicated by an asterisk (*).

Name and Course	Address
Abernethy, E. E. (2 TE)	Charlotte, N. C.
Abner, P. W. (1 Pre-Med)*	Spartanburg
Ackerman, C. L. (1 E)*	St. George
Adams, G. L. (1 E)*	Spartanburg
Adams, J. A. (1 E)	Branchville
Addison, J. K. (1 E)*	Cottageville
Aguiar, F. M. (1 Ar)*	Santurce, P. R.
Aguilar, J. E. (1 Pre-Med)*	Alajuela, C. R.
Alexander, B. M. (1 Ch-Engr)	Lyman
Alexander, D. C. (1 E)*	Seneca
Alexander, J. M. (1 GS)	Clemson
Alexander, J. S. (2 A)	Seneca
Alexander, W. R. (1 A)	Bishopville
Alford, H. I. (2 GS)	Hartwell, Ga.
Allen, B. L. (1 TE)*	Gaffney
Allen, J. R. (1 E)*	Aynor
Allen, W. W. (1 Ag Engr)*	Spartanburg
Alley, G. I. (2 TC)	Columbia
Altman, A. B. (2 Ag Engr)	Galivants Ferry
Anderson, G. W. (1 E)	Gastonia, N. C.
Anderson, J. B. (1 TE)	Fairforest
Anderson, J. E. (1 E)	Chester
Anderson, M. H. (1 E)*	Greenville
Anderson, R. (2 TE)	Greenville
Anderson, T. H. (1 E)*	Columbia
Antonakos, J. (4 EE)	Anderson
Armstrong, C. D. (1 E)*	Pineville, N. C.
Armstrong, J. W. (3 CE)	Laurens
Ashe, E. G. (1 E)	Murphy, N. C.
Ashley, J. (1 A)*	Ellenton
Atkinson, A. A. (2 V Ag Ed)	Marion
Atkinson, E. D. (1 E)	Greenville
Atkinson, W. D. (1 V Ag Ed)*	Mullins
Aughtry, J. E. (1 TE)	Lyman
Ayers, J. F. (2 ME)	Greenville
Bailey, C. K. (1 E)*	Lockhart
Bailey, C. S. (1 Pre-Med)*	McConnellsville
Bailey, D. H. (1 E)*	Cowpens
Bailey, F. A. (2 ME)	Charleston
Bailey, W. P. (1 Pre-Med)	Greenwood
Bair, B. C. (1 E)*	Cordova
Baker, M. F. (4 V Ag Ed)	Marietta
Baker, M. H. (1 V Ag Ed)*	Mullins
Baldwin, C. M. (1 E)*	Acworth, Ga.
Balentine, J. H. (1 E)*	Ware Shoals
Ballas, J. A. (3 ME)	Washington, D. C.
Ballenger, G. J. (4 TE)	Tucapau
Ballenger, R. D. (2 A)	Wellford
Banks, D. H. (1 Ind-Phy)	St. Matthews
Banks, J. J. (1 Ch-Engr)	Augusta, Ga.
Barfield, D. A. (1 V Ag Ed)*	Kershaw
Barnwell, G. H. (2 A)	Florence
Barton, F. W. (1 E)*	Aiken
Bates, W. C. (1 GS)	Marietta
Bauknight, L. M. (1 Ar)*	Florence
Beacn, M. G. (1 C)*	Walterboro
Beatty, C. H. (1 E)*	Dunbarton
Beckham, M. A. (1 GS)	Heath Springs
Bedenbaugh, E. J. (2 A)	Prosperity
Bedenbaugh, Harmon M. (1 TE)*	Kinards
Bedenbaugh, Hubert M. (2 V Ag Ed)	Prosperity
Behling, R. B. (1 Ar)*	St. George
Belcher, G. W. (1 A)*	Port Orchard, Wash.
Bell, C. B. (3 V Ag Ed)	Pinewood
Bell, H. S. (2 A)*	Ward
Bell, J. D. (1 E)	Navy Yard
Bell, J. E. (1 E)	Orangeburg
Bell, L. J. (1 A)*	Wampee
Bellamy, O. K. (1 A)*	Wampee
Bellamy, R. L. (1 E)*	Little River
Berly, R. H. (1 E)	Lexington
Berry, B. C. (1 Pre-Med)*	Johnston
Berry, J. B. (1 E)*	Avondale Estates, Ga.
Berry, J. N. (1 E)*	Avondale Estates, Ga.
Berry, W. W. (1 Ch-Engr)*	Greenville
Bevis, J. H. (1 E)*	Charleston
Bingham, K. A. (1 E)	Kingsport, Tenn.
Bird, M. A. (1 E)*	San Juan, P. R.
Bishop, F. J. (1 TE)	Columbia
Bishop, W. W. (2 EE)	Spartanburg
Black, E. W. (1 Ch-Engr)	Barnwell
Black, H. N. (1 E)	Ruffin
Black, R. G. (2 CE)	Rock Hill
Blackmon, W. N. (2 ME)	Rock Hill
Blackwood, J. A. (1 E)*	Inman
Blair, A. F. (1E)	Blair
Blakely, C. B. (1 GS)	Chester
Bland, J. P. (1 E)*	Johnston
Bobo, D. (1 E)	Gray Court
Bolling, E. C. (1 TE)*	Schoolfield, Va.
Bolt, W. F. (1 Ch-Engr)	Anderson
Bonnoitt, E. L. (1 E)	Florence
Bost, W. J. (2 EE)	Spartanburg
Boyd, F. H. (2 ME)	Greenville
Boyd, P. A. (1 E)	Loris
Boyd, R. H. (2 A)	Rock Hill
Boyd, W. L. (1 E)	York
Boykin, F. R. (1 E)*	Georgetown
Boykin, L. H. D. (2 A)*	Boykin
Boykin, P. S. (2 ME)	Boykin
Brackett, N. C. (1 Ar)	Pickens
Brady, J. L. (3 TE)	Spartanburg
Bramlett, F. L. (1 V Ag Ed)*	Wellford
Brannen, J. E. (1 Ag Engr)*	Register, Ga.
Brannon, F. J. (4 TE)	Slater

Name and Course	Address
Bright, M. (1 E)	Lyman
Brigman, A. T. (1 A)*	Latta
Britton, W. B. (1 E)*	Charleston
Broadwell, E. T. (1 E)*	Sumter
Brock, D. H. (1 E)*	Anderson
Broughton, W. C. (1 E)*	Sumter
Brown, B. W. (1 E)*	Starr
Brown, C. G. (2 A)	Anderson
Brown, C. L. (2 A)	Anderson
Brown, C. M. (2 A)	Oswego
Brown, C. W. (2 Ar Engr)	Florence
Brown, J. M. (1 GS)*	Mountain Rest
Brown, W. J. (1 GS)	Walhalla
Brown, W. L. (1 A)*	York
Bruce, A. C. (1 E)	Seneca
Bruce, J. D. (1 E)*	Lyman
Brunetti, J. A. (4 ME)	Brooklyn, N. Y.
Brunson, C. H. (1 E)*	Great Falls
Brunson, M. O. (2 C)	Estill
Bryan, J. W. (1 E)*	Seneca
Bryan, L. B. (1 Ag Engr)*	Edgefield
Buck, H. S. (1 C)*	Edgmoor
Bull, F. A. (2 EE)	Greenville
Bull, W. T. (1 Ag Engr)*	Santee
Bultman, P. H. (1 Ar)*	Sumter
Burgess, B. T. (1 E)*	Pacolet
Burgess, G. H. (4 ME)	Marion, N. C.
Burriss, O. G. (1 E)*	Anderson
Burton, J. C. (1 TE)*	Pendleton
Butler, M. C. (3 Ed)	Greenville
Butz, J. S. C. (1 GS)	Jacksonville, Fla.
Byars, E. F. (4 ME)	Rock Hill
Byars, R. P. (2 EE)	Gaffney
Byers, R. C. (1 TE)*	Laurens
Byrd, E. A. (1 E)*	Branchville
Cagle, M. E. (2 V Ag Ed)	Andrews
Calcutt, C. H. (2 A)	Pamplico
Caldwell, J. C. (1 E)*	Charlotte, N. C.
Califf, J. W. (4 Ar)	Charleston
Califf, T. H. (1 Ch-Engr)*	Charleston
Camp, D. M. (2 A)	Bakersfield, Calif.
Campbell, D. H. (2 TE)	Rockingham, N. C.
Campbell, T. L. (1 E)	Hartsville
Campbell, W. W. (1 E)*	Greenville
Canaday, C. T. (1 E)*	Charleston
Cannon, M. P. (1 E)	Greenville
Capell, J. R. (1 E)*	Marietta
Cappelmann, J. D. (1 E)	Charleston
Carlton, W. V. (1 Ag Engr)	Smoaks
Carmichael, C. (1 Ag Engr)	Fork
Carr, W. G. (1 TE)	Goldville
Carraway, A. J. (2 EE)	Timmonsville
Carroll, C. R. (1 A)	Blackville
Carroll, C. W. (2 EE)	Navy Yard
Carson, J. D. (2 ME)	Anderson
Cartee, J. L. (4 TE)	Liberty
Carter, J. H. (1 Pre-Med)*	Georgetown
Carter, M. J. (2 V Ag Ed)	Timmonsville
Carter, T. B. (1 Ag Engr)*	Rock Hill
Carwile, J. P. (1 E)*	Abbeville
Cashion, M. H. (1 E)*	Greenwood
Cato, B. H. (1 E)	Pageland
Causey, C. E. (1 V Ag Ed)*	Furman
Cauthen, R. K. (1 E)	Rock Hill
Chambers, H. C. (1 E)	Beaufort
Chamblee, C. D. (1 Ag Engr)*	Anderson
Chandler, J. A. (2 CE)*	Clinton
Chandler, K. R. (1 E)*	Cades
Chandler, T. P. (S)*	Georgetown
Chaplin, J. F. (2 A)	Lamar
Chapman, W. R. (1 Pre-Med)*	Inman
Chappell, E. R. (1 E)*	Sumter
Chestnut, L. (2 EE)	Charleston
Christenberry, T. E. (3 TE)*	Greenville
Clanton, R. M. (1 Pre-Med)	Charlotte, N. C.
Clark, W. D. (2 TE)	Lexington, N. C.
Clayton, J. W. (1 E)*	Dorchester
Clement, C. W. (1 V Ag Ed)*	Inman
Cleveland, J. O. (1 TE)	Anderson
Cloud, R. P. (1 E)	Kingsport, Tenn.
Cobb, J. C. (1 I Ed)*	Cateechee
Cobb, W. A. (2 TE)	Pelzer
Cockrell, C. T. (1 TE)*	Clemson
Cockrell, C. W. (3 GS)	Batesburg
Coclin, C. G. (2 A)*	Beaufort
Coggins, C. G. (1 A)*	Inman
Cohen, E. D. (1 E)*	Charleston
Coleman, A. J. (4 CE)	Chappells
Coleman, G. L. (2 CE)	Travelers Rest
Coleman, G. M. (1 V Ag Ed)*	Saluda
Collins, R. S. (3 EE)	Ninety Six
Compton, B. O. (1 E)	Greenwood
Coney, J. R. (1 Ar Engr)	Columbia
Connelly, J. G. (2 TE)	Morganton, N. C.
Connor, J. R. (1 A)	Eutawville
Conrad, R. O. (1 TE)	Union
Cook, L. N. (1 Pre-Med)	Gray Court
Cooler, D. B. (1 E)*	Kingstree
Cooper, J. W. (1 Ar Engr)*	Spartanburg
Cooper, R. P. (1 Ag Engr)*	Andrews
Corbin, W. E. (1 A)	Brunson
Corey, H. S. (1 E)*	Asheville, N. C.
Corker, R. P. (1 E)	Springfield
Cothran, J. E. (2 Ar)	Inman
Cothran, J. R. (1 E)*	Inman
Courtenay, St. J. (1 E)	Greenville
Covington, J. F. (1 E)*	Clio
Covington, T. A. (2 V Ag Ed)	Norway
Cox, C. R. (1 Ed)	Camden
Cox, J. E. (1 E)*	Decatur, Ga.
Cox, J. F. (1 E)	Navy Yard
Cox, W. H. (2 A)	Latta
Coxe, W. B. (2 TE)	Greenville
Craig, D. L. (1 GS)	Greenville
Craig, H. B. (1 E)	Liberty
Crapps, W. D. (3 V Ag Ed)	Leesville
Crapse, J. L. (1 A)*	Estill
Crawley, I. C. (1 TE)*	Nero, N. C.
Creech, J. L. (1 A)	Blackville
Creel, G. R. (1 A)*	Gretna, Va.
Crosland, J. D. (1 Pre-Med)	Columbia
Crow, N. M. (4 A)	Fairforest
Crowther, H. W. (1 E)*	Anderson
Crumley, J. F. (1 E)*	Greenville
Culp, T. W. (1 A)*	Fort Mill
Cumbie, A. B. (3 CE)	Lyons, Ga.
Cureton, J. C. (1 TE)*	Clemson
Dabney, T. F. (3 EE)	Rock Hill
Dalton, J. J. (1 E)*	Norris
Daniel, J. D. (2 V Ag Ed)	Lake City
Daniel, S. E. (1 E)	Mullins
Daniels, G. (1 A)	Pamplico
Danner, O. F. (1 Ed)*	Jonesville
Darby, W. E. (1 Pre-Med)*	Fort Motte
Davis, C. E. (2 CE)	Greenwood
Davis, J. Gilbert (1 E)	Navy Yard
Davis, J. Guy (1 E)*	Anderson
Davis, J. M. (1 V Ag Ed)	Norway
Davis, L. W. (4 EE)	Charleston
Davis, R. (1 Ag Engr)*	Johns Island
Davis, R. S. (1 E)	Spencer, N. C.
Dawkins, J. R. (1 TE)*	Prosperity
Dawson, A. D. (2 A)	St. Petersburg, Fla.
Deas, V. J. (2 EE)	Rock Hill
Dean, R. B. (1 Pre-Med)*	Greer
Deason, F. P. (1 A)*	McCormick
Deck, H. G. (1 E)*	Pelzer
Dellinger, D. F. (1 E)	Andrews
Dellinger, D. G. (1 E)	Cherryville, N. C.
DeLoach, G. E. (2 ME)	Beaufort
Dent, C. R. (1 A)	St. Matthews
Derrick, B. M. (1 TE)*	Irmo
DesChamps, W. P. (1 E)	Bishopville
DeVore, F. W. (3 ME)	Ninety Six
Dibble, L. M. (1 E)*	Orangeburg
Dickerson, R. R. (2 ME)	Spartanburg

me and Course	Address
xon, D. H. (1 E)*	Greenwood
xon, L. F. (1 TE)	Greenville
bbins, J. G. (3 EE)	Anderson
dd, J. H. (1 A)*	Round O
dgen, J. A. (3 ME)	Graniteville
nkle, J. O. (1 V Ag Ed)*	Pauline
olittle, C. W. (1 E)	Athens, Ga.
rsey, A. C. (2 TE)	Greenville
uglass, G. G. (1 E)*	Winnsboro
uglass, H. A. (1 E)*	Columbia
yle, G. P. (1 E)	Buffalo, N. Y.
Bose, C. R. (1 E)*	Ellenton
Bose, R. C. (2 V Ag Ed)*	Lamar
gger, P. E. (1 Ar)*	Greenville
kes, W. F. (1 Pre-Med)	Branchville
ncan, C. R. (1 A)*	Westminster
nlap, J. L. (2 ME)	Hartsville
rham, B. M. (1 E)*	Charlotte, N. C.
yer, J. F. (1 E)*	Columbus, Miss.
er, C. A. (1 Ch-Engr)	Charleston
rle, H. U. (2 EE)	Walhalla
rle, J. R. (1 GS)	Walhalla
ens, R. W. (1 Pre-Med)	Bennettsville
wards, S. J. (2 ME)	Latta
wards, T. P. (1 A)*	Gresham
gleston, W. T. (2 Ar)	Greenville
azer, G. W. (1 C)*	Columbia
is, J. W. (1 E)*	Columbia
ison, J. R. (1 Ed)*	Anderson
od, A. C. (1 E)*	Walhalla
od, W. C. (1 E)*	Walhalla
ps, C. O. (1 Ag Engr)*	Latta
ickson, D. E. (1 E)*	Hendersonville, N. C.
ickson, N. E. (1 E)*	Hendersonville, N. C.
vin, J. M. (3 Pre-Med)	Darlington
es, A. C. (1 GS)*	Winnsboro
ans, J. G. (1 Pre-Med)	Pendleton
ans, J. W. (3 EE)	Kingstree
um, C. P. (2 Ar)	Sumter
irey, J. M. (1 E)*	Orangeburg
nning, W. T. (1 A)*	Springfield
nt, A. R. (1 Ar)	Anderson
nt, M. A. (2 GS)	Anderson
rah, A. D. (2 I Ed)	Whitmire
rah, C. E. (2 ME)	Whitmire
rris, H. M. (1 A)*	Shelby, N. C.
yssoux, F. S. (1 E)*	Taylors
lkel, L. W. (2 ME)	Cameron
ndley, T. F. (1 A)*	Easley
nters, L. B. (1 V Ag Ed)*	Hemingway
lds, H. (2 EE)	Florence
yd, E. B. (1 Pre-Med)*	Nichols
yd, L. W. (1 Pre-Med)	Manning
garty, S. (3 CE)	Charleston
lk, D. P. (2 CE)	Denmark
nt, J. A. (2 CE)	Santurce, P. R.
rd, J. L. H. (1 C)	Williamston
reman, F. L. (1 A)*	Ellenton
ster, D. A. (1 Ch-Engr)*	Greenwood
ster, H. B. (1 V Ag Ed)*	Chesnee
wler, J. F. (1 E)*	Lockhart
zer, J. W. (1 Pre-Med)	Charlotte, N. C.
eman, C. E. (1 Ch-Engr)	Liberty
eman, E. A. (1 E)*	Clemson
eman, E. W. (2 V Ag Ed)	Greenville
ar, R. G. (1 TE)	Montmorenci
day, J. B. (3 Ch-Engr)	Charleston
erson, H. F. (3 Pre-Med)	Union
erson, M. (1 E)*	Bishopville
nchess, W. H. (2 Ag Engr)	Rowesville
ge, R. (1 GS)	Anderson
illard, R. B. (1 E)*	Newry
illard, W. L. (2 Pre-Med)	Williamston
mbrell, C. E. (1 V Ag Ed)	Piedmont
mbrell, G. C. (2 TE)	Seneca
ndy, V. (1 A)	Florence
rdner, E. J. (1 E)*	Great Falls
rdner, T. B. (1 E)*	Marion
Garner, C. B. (1 Pre-Med)	Lyman
Garren, D. M. (1 E)*	Greenville
Garrett, Z. V. (1 E)*	Walhalla
Garris, D. J. (1 Ar)	Great Falls
Garrison, H. E. (1 TE)*	Wattsville
Garvin, T. E. (1 A)*	Salley
Gasque, R. B. (1 Ar)*	Marion
Gault, T. D. (1 E)	Gaffney
Gault, W. J. (1 E)*	Shelby, N. C.
Gentry, T. H. (2 V Ag Ed)	Summerton
Geraty, W. C. (1 A)*	Yonges Island
Gercken, L. D. (1 E)*	Charleston
Gerrald, J. (1 E)*	Galivants Ferry
Gerrard, G. M. (2 V Ag Ed)	Anderson
Gervais, P. E. (1 E)*	Johns Island
Gettys, M. E. (1 Ind-Phy)*	Gaffney
Gibby, W. J. (1 E)*	Greenville
Gibson, C. R. (1 E)*	Westminster
Gibson, W. R. (1 E)*	Piedmont
Gill, W. P. (1 TE)	Rock Hill
Glenn, J. D. (1 E)*	Hartsville
Godfrey, C. H. (2 ME)	Florence
Godwin, J. E. (1 Pre-Med)*	Johnsonville
Godwin, W. Y. (1 E)	Summerton
Goldsmith, J. L. (1 E)*	Pelzer
Goodman, J. H. (1 E)*	Westminster
Goodman, M. R. (2 TE)	Rock Hill
Goodman, W. M. (1 V Ag Ed)	Olanta
Goodyear, H. H. (1 Ag Engr)*	Nichols
Gordon, J. W. (1 E)	Willard, Ohio
Gowdy, J. E. (1 E)*	Cades
Graham, R. B. (1 E)*	Anderson
Graham, R. L. (1 V Ag Ed)*	Seneca
Graham, W. D. (2 TE)	Rock Hill
Grainger, R. L. (1 V Ag Ed)*	Fair Bluff, N. C.
Gravlee, J. G. (2 EE)	DeLand, Fla.
Gray, C. H. (1 E)*	Laurens
Greene, F. T. (1 Ch-Engr)*	Greenville
Greene, T. A. (1 Pre-Med)	Asheville, N. C.
Gregory, D. R. (1 E)	Belton
Gregory, W. C. (1 Ar)*	Chesnee
Greyard, W. B. (2 TE)	Greenville
Griffin, V. G. (1 Pre-Med)*	Pageland
Griffis, F. W. (1 E)*	Lake City
Gurney, W. A. (1 Ar)	Charleston
Hadden, S. J. (S)	Westminster
Hadsock, H. S. (1 Ar)*	McCormick
Hafers, E. R. (1 Pre-Med)*	Aiken
Haigler, L. M. (1 A)*	Cameron
Hair, C. A. (1 Ar Engr)*	Fairfax
Hall, C. L. (1 E)*	Winnsboro
Hall, F. N. (1 E)*	Spartanburg
Hall, R. A. (1 V Ag Ed)*	Camden
Hallman, C. A. (1 Ag Engr)*	Aiken
Hamilton, F. P. (1 Ed)*	Seneca
Hammett, J. S. (1 TE)	Anderson
Hammett, R. A. (1 GS)*	Inman
Hammond, F. P. (2 TE)	Greenville
Hamrick, W. L. (2 TE)	Gaffney
Hance, N. H. (1 E)*	Heath Springs
Hanckel, R. M. (2 A)	Charleston
Hancock, H. D. (1 V Ag Ed)	Camden
Hancock, R. B. (1 V Ag Ed)	Ruby
Hand, R. B. (1 E)	Florence
Handley, W. A. (4 V Ag Ed)	LaGrange, Ga.
Hanvey, R. E. (1 E)	McCormick
Hardee, H. B. (1 A)*	Loris
Hardee, W. O. (1 V Ag Ed)*	Greeleyville
Hardwick, L. D. (1 E)*	Rock Hill
Hargrove, R. C. (1 I Ed)*	Miami, Fla.
Harley, J. H. (4 CE)	St. George
Harmon, C. R. (S)	Burlington, N. C.
Harmon, J. B. (1 A)*	McCormick
Harper, F. G. (1 E)	Anderson
Harrell, W. R. (1 E)	Westminster
Harrelson, M. W. (1 E)*	Georgetown
Harris, D. D. (2 ME)	Laurens

Name and Course	Address
Harris, E. O. (2 TE)	Spartanburg
Harris, G. J. (2 V Ag Ed)	Madison
Harris, R. B. (2 ME)	Spartanburg
Harris, R. O. (1 A)*	LaGrange, Ga.
Harte, N. N. (2 TE)	Spartanburg
Hartin, D. O. (1 E)*	Greenville
Harvey, A. L. (1 Pre-Med)*	Charleston
Hawkins, J. W. (3 EE)	Greenwood
Hawthorne, R. F. (1 E)*	Due West
Hay, S. L. (1 A)*	Johns Island
Heape, J. N. (1 E)*	Charleston
Heaton, M. D. (2 TE)*	Piedmont
Heins, C. H. (1 E)	Charleston
Helms, E. L. (1 Ag Engr)*	Darlington
Helms, J. M. (2 Pre-Med)	Rock Hill
Henderson, J. K. (1 A)*	Charlotte, N. C.
Henegar, J. R. (1 E)*	Spartanburg
Henry, C. G. (1 E)*	Cowpens
Henson, W. J. (1 GS)*	Taylors
Herndon, H. L. (1 A)*	Ehrhardt
Heron, T. G. (1 E)	Parr
Herron, W. C. (1 Ch-Engr)	Anderson
Hickerson, J. G. (1 E)*	Greensboro, N. C.
Hicklin, C. T. (1 E)*	Edgmoor
Hicks, D. M. (1 V Ag Ed)	Ninety Six
Hicks, F. C. (1 V Ag Ed)*	Central
Higdon, R. J. (1 A)*	Gay, N. C.
High, R. E. (1 TE)	Little River
Hildebrand, E. J. (1 E)*	Washington, D. C.
Hill, J. T. (1 E)*	Timmonsville
Hill, T. A. (1 Ag Engr)*	Florence
Hiller, R. E. (2 ME)	Greenville
Hilton, A. S. (2 Ch-Engr)	Charleston
Hilton, H. E. (1 E)*	Ridgeville
Hinson, P. L. (1 Ar Engr)*	Jefferson
Hiott, C. E. (1 A)	Round O
Hodge, C. R. (1 Pre-Med)*	Alcolu
Hodge, S. E. (2 EE)	Georgetown
Hodges, M. L. (2 CE)	Conway
Hogan, J. D. (2 EE)	Columbia
Holland, J. M. (1 E)*	McClellanville
Hollenbeak, H. A. (1 E)*	Pittsfield, Ill.
Holliday, H. T. (1 E)*	Pamplico
Holliday, J. W. (1 E)*	Hemingway
Hollingsworth, A. W. (1 E)	Greenwood
Hollis, N. M. (1 E)	Rock Hill
Holroyd, R. F. (1 Ar)*	Anderson
Hooker, B. A. (2 EE)	Greenville
Hopkins, A. R. (2 Pre-Med)	Central
Hopkins, B. R. (1 Ar Engr)*	Richland Springs, Texas
Horne, B. S. (1 E)	Charleston
Horton, S. R. (1 E)	Rock Hill
Hough, J. L. (1 Pre-Med)	Kershaw
Howard, G. C. (3 ME)	Greenville
Howard, M. O. (1 E)*	Piedmont
Howe, T. R. (1 E)*	Hickory Grove
Howell, C. R. (1 TE)*	Greer
Howell, D. V. (1 E)*	Taylors
Hudson, W. G. (4 ME)	Westminster
Hughes, H. J. (1 E)*	Enoree
Humphrey, R. L. (1 E)*	Dallas, N. C.
Hungerford, D. S. (4 A)	Spartanburg
Hunsuck, E. E. (2 Pre-Med)	Gaffney
Hunt, D. B. (1 E)*	Greenville
Hunt, W. C. (1 GS)	Seneca
Hunter, M. P. (1 E)	Lanford
Hunter, R. C. (1 A)*	Hendersonville, N. C.
Hunter, R. W. (1 E)*	Pendleton
Hutto, C. A. (1 Ar)*	Orangeburg
Hutto, F. B. (2 C)	Jacksonville, Fla.
Imershein, R. E. (1 E)	Woodmere, N. Y.
Inman, C. M. (1 E)	York
Irick, M. J. (1 Pre-Med)*	Orangeburg
Iturralde, G. A. (2 ME)*	Guantanamo, Cuba
Ix, J. A. (1 TE)*	Charlottesville, Va.
Izlar, T. W. (1 E)*	Charleston
Jackson, H. A. (1 E)*	Rock Hill
Jackson, T. A. (1 E)*	Great Falls
Jackson, W. H. (1 A)	Bennettsville
James, N. A. (1 A)*	Lori
Jeffcoat, N. F. (1 V Ag Ed)*	Swansea
Jeffords, F. Y. (2 V Ag Ed)	Biloxi, Miss.
Jenkins, D. M. (1 E)	Unio
Jenkins, E. M. (2 EE)	Osbor
Jenkins, M. C. (1 E)*	Allendal
Jenkins, W. R. (2 V Ag Ed)	Lenoir City, Tenn.
Johnson, J. A. (1 TE)*	Rock Hi
Johnson, J. L. (4 Ch-Engr)	Clinto
Johnson, J. T. (1 A)	Lynchbur
Johnson, R. O. (2 EE)*	Whitmir
Johnson, T. A. (1 Ag Engr)*	Lynchbur
Jones, D. C. (1 E)	Barnwe
Jones, E. E. (2 Pre-Med)	Salle
Jones, H. C. (4 CE)	Spartanbur
Jones, H. E. (1 Ed)	Sandy Spring
Jones, J. D. (1 Pre-Med)	Fort Mi
Jones, R. L. (1 E)*	Glenn Spring
Jones, W. C. (1 E)	Greenvil
Jordan, A. B. (2 I Ed)	Bishopvill
Jordan, H. G. (1 A)	Richbur
Josey, H. A. (2 TE)	Anderso
Joye, R. L. (2 A)	Lama
Kay, R. W. (2 A)	Easle
Kearse, W. S. (1 A)*	Yonges Islan
Keasler, B. M. (1 Pre-Med)	Westminste
Keasler, W. H. (1 Pre-Med)*	Westminste
Kelly, C. R. (2 Ar)	Charlesto
Kelly, W. D. (1 Ag Engr)*	Leesvill
Kennerly, D. A. (2 EE)	Cordov
Kennick, W. H. (1 A)*	Chest
Key, C. H. (1 A)*	Warrenvil
King, E. C. (1 Pre-Med)*	Floren
King, J. R. (1 Ch-Engr)*	Cincinnati, Oh
Kiser, T. R. (1 GS)*	Bowma
Kitchen, A. B. (2 ME)	Augusta, Ga
Klettner, S. J. (1 Ch-Engr)	Hartsvill
Kneece, W. A. (1 E)*	Batesbur
Knight, J. C. (1 E)*	Summervill
Knight, L. L. (1 TE)*	Drayto
Konduros, P. G. (4 ME)	Anderso
Kroeger, R. C. (1 E)	Buffalo, N. Y
Laffoday, W. C. (1 A)*	Lama
Lake, W. H. (1 E)	Walhall
Lancaster, B. S. (2 EE)	Jonesvill
Lancaster, W. (1 C)*	Gova
Land, J. E. (1 Pre-Med)	Buffal
Landrum, J. B. (1 E)*	Columbi
Lane, W. L. (1 E)*	Lama
Langford, T. H. (2 Ed)	Furma
Langston, C. E. (1 V Ag Ed)	Timmonsvill
Lanier, H. P. (1 E)*	Fair Pla
Laughlin, R. C. (1 E)*	Florenc
Lay, B. G. (1 E)*	Dallas, N. C
Lay, J. R. (2 Ag Engr)	Westminste
Leaphart, W. H. (1 TE)*	Prosperit
Leavell, C. W. (2 A)	Sumte
Ledford, W. I. (1 E)*	Centr
Lee, L. J. (1 V Ag Ed)*	Spartanbur
Lee, W. L. (1 E)	Anderso
Leiby, R. G. (1 E)*	Sumte
Leopard, E. M. (1 Ch-Engr)*	Woodru
LeRoy, J. L. (1 C)*	Tro
Lesley, H. K. (1 A)*	Easle
Lesley, J. B. (2 Pre-Med)	Easle
Leslie, L. E. (3 ME)	Donald
Lever, M. D. (1 E)	McConnellsvill
Lever, O. R. (1 E)*	Charlesto
Lewis, G. F. (2 Pre-Med)	Orlando, Fl
Lewis, J. L. (1 E)*	Lori
Lightle, E. G. (1 E)*	Charlesto
Liles, J. S. (1 E)	Charlotte, N. C
Lillard, R. A. (2 Ar)	Spartanbur
Lindler, A. L. (1 Pre-Med)	Chapi
Lindsay, W. E. (3 TE)	Jonesvill

Name and Course	Address
Lindstedt, G. W. (1 E)	Holly Hill
Little, E. L. (1 E)*	Nichols
Littlejohn, G. W. (1 E)*	Cowpens
Livingston, L. S. (1 E)*	North
Livingston, M. (3 V Ag Ed)	Salley
Lohr, F. M. (1 E)*	Georgetown
Long, H. E. (1 A)*	Estill
Looper, L. B. (3 V Ag Ed)	Dacusville
Looper, T. M. (1 E)*	Pelzer
Love, T. B. (1 Pre-Med)	Alcolu
Lovelace, O. F. (1 V Ag Ed)*	Prosperity
Lowder, C. E. (2 V Ag Ed)	Turbeville
Lowman, J. B. (3 TE)	Ballentine
Lowman, R. W. (3 EE)	Denmark
Lucas, J. (1 E)*	Folly Beach
Lucas, J. L. (1 TE)*	Lancaster
Lucius, H. (1 Ag Engr)	Dillon
Lunsford, P. R. (1 TC)*	Charlotte, N. C.
Lyles, W. C. (1 E)*	Madison
Lynn, M. C. (2 Pre-Med)	Lancaster
Lynn, M. D. (1 A)*	Taylors
Lyon, M. D. (1 TE)*	Johnston
Lyons, J. L. (1 E)	Beaufort
Lytle, L. H. (1 Pre-Med)	Fort Mill
McAllister, J. A. (1 A)*	Mt. Carmel
McCants, J. G. (1 E)*	Winnsboro
McCarter, C. A. (1 A)*	Clover
McCarter, H. L. (1 Ag Engr)*	Tryon, N. C.
McClure, H. C. (2 Ag Engr)*	Chesnee
McCombs, J. W. (1 Ch-Engr)*	Greenwood
McConnell, H. E. (1 E)*	Piedmont
McCown, W. E. (2 EE)	Anderson
McCraw, T. F. (1 E)	Gaffney
McCraw, W. H. (1 E)*	Gaffney
McCulloch, J. T. (2 Ar)	Charlotte, N. C.
McDonald, S. K. (1 Ag Engr)*	Blackstock
McDowell, B. T. (1 TE)	Greenwood
McElmurray, J. E. (1 Ag Engr)*	Augusta, Ga.
McElreath, W. C. (4 ME)	Wadley, Ga.
McElveen, J. T. (2 ME)	Springfield
McElveen, L. W. (1 A)*	Cades
McGee, J. W. (1 Pre-Med)*	Clinton
McGill, F. H. (1 Pre-Med)	Kingstree
McGill, L. G. (2 Ag Engr)	Anderson
McGowan, E. P. (1 E)	Frogmore
McGregor, F. C. (1 A)*	Ruby
McGregor, S. E. (1 A)*	Lykesland
McIlwain, R. C. (1 TE)*	Greenwood
McIntyre, D. C. (1 TE)*	Marion
McKay, D. B. (1 E)*	Winnsboro
McKenzie, D. B. (1 Ch-Engr)*	Asheville, N. C.
McKeown, B. L. (1 TE)	Lancaster
McKinnon, R. K. (3 CE)	St. George
McKissick, A. F. (1 TE)	Greenville
McKissick, E. S. (1 TE)	Greenville
McLain, J. R. (2 V Ag Ed)	Patrick
McLane, S. F. (1 E)	Gaffney
McLaurin, A. H. (1 E)	Bennettsville
McLaurin, J. M. (1 E)*	Rockingham, N. C.
McLeod, B. E. (1 E)*	Georgetown
McLeod, G. T. (1 E)	Greenville
McMackin, L. F. (2 TE)	Lancaster
McMahan, C. M. (1 E)*	Lowndesville
McMahan, H. (1 E)*	Lowndesville
McMillan, C. M. (1 E)*	Mullins
McMullan, J. H. (1 E)*	Winder, Ga.
Mace, R. G. (1 Ag Engr)	Gresham
Mack, A. E. (1 Pre-Med)*	Lexington
Mack, J. H. (1 E)	Garnett
Mackenzie, M. B. (2 Ar)	Charleston
Mackintosh, S. C. (1 GS)	McClellanville
Magruder, L. M. (1 E)*	Central Hershey, Cuba
Mahaffee, J. W. (1 E)*	Gaffney
Mahaffey, J. A. (2 EE)	Lancaster
Mandanis, G. P. (1 E)*	Spartanburg

Name and Course	Address
Marthers, W. C. (1 E)	Winnsboro
Martin, C. A. (1 E)*	Orangeburg
Martin, J. A. (4 A)	Bowersville, Ga.
Martin, J. C. (2 EE)	Orangeburg
Martin, R. A. (1 Pre-Med)	Fort Mill
Martin, R. R. (1 E)*	Williamston
Martin, S. J. (1 TE)*	Atlanta, Ga.
Marvin, J. P. (1 A)*	White Hall
Mason, J. F. (1 V Ag Ed)*	Westminster
Massey, L. M. (4 EE)	Fort Mill
Massey, W. E. (1 Ar)	Greenville
Matthews, W. H. (1 Pre-Med)*	Charleston
Mattison, R. T. (1 E)	Columbia
Mauldin, L. E. (1 V Ag Ed)*	Greenville
May, D. S. (1 E)*	Calhoun Falls
Meadows, J. C. (2 EE)	Greenville
Meares, J. M. (1 Ar)	Nichols
Mellette, R. R. (3 Pre-Med)	Aiken
Mercer, J. T. (1 Ch-Engr)*	Georgetown
Mercer, W. E. (1 E)*	McClellanville
Meredith, B. M. (1 TE)	Greenville
Miles, J. A. (1 E)	Moncks Corner
Miller, A. R. (1 Ag Engr)*	Lexington
Miller, D. C. (1 E)*	Summerville
Miller, J. R. (1 V Ag Ed)	Erwin, Tenn.
Miller, J. W. (1 E)*	Spartanburg
Miller, O. (2 V Ag Ed)	Wagener
Miller, T. D. (1 TE)*	Chester
Mills, F. T. (1 A)*	Prosperity
Millsap, J. E. (1 E)*	Gable
Mitchell, J. E. (1 E)*	Augusta, Ga.
Mitchum, B. W. (1 V Ag Ed)*	Smoaks
Moore, E. T. (1 V Ag Ed)	Lake City
Moore, H. E. (1 E)*	Effingham
Moore, J. H. (1 E)*	Beaufort
Moore, V. O. (1 Pre-Med)	Lake City
Moorer, J. M. (2 EE)	Navy Yard
Morgan, F. (3 V Ag Ed)	Central
Morgan, J. H. (1 GS)*	Spencer, N. C.
Morgan, M. L. (1 GS)	Oakboro, N. C.
Morgan, S. J. (1 E)*	Greer
Morris, C. B. (1 E)*	Spartanburg
Morris, C. L. (3 ME)	Olar
Morris, E. E. (1 GS)*	Pickens
Moseley, M. C. (S)*	Clemson
Moser, M. L. (1 E)*	Pelzer
Moss, A. A. (1 E)*	Greenville
Mosteller, J. E. (1 E)*	Gaffney
Mozingo, J. E. (1 V Ag Ed)*	Hartsville
Mullikin, R. A. (1 E)*	Williamston
Murray, J. O. (4 GS)	Navy Yard
Myers, W. T. (4 TE)	Tucapau
Nash, C. D. (1 E)*	Talladega, Ala.
Neely, B. R. (1 E)	Rock Hill
Neil, J. H. (1 E)	Landrum
Nelson, E. C. (3 A)	Columbia
Nelson, J. B. (1 E)	Spartanburg
Nesius, J. M. (1 TE)*	Utica, N. Y.
Newell, S. D. (1 V Ag Ed)*	Lake City
Newman, G. W. (1 E)*	Columbia
Newton, W. M. (2 Pre-Med)	Spartanburg
Nichols, C. M. (1 E)*	Leesville
Nichols, J. C. (1 E)*	Acworth, Ga.
Nichols, J. J. (1 A)*	Saluda
Nicholson, J. R. (1 Pre-Med)*	Westminster
Nix, R. E. (1 E)*	Florence
Nolan, H. L. (1 Ag Engr)*	Blenheim
Norris, F. K. (1 Ag Engr)	Eutawville
Norris, W. M. (2 Ag Engr)	Vance
Nunn, W. B. (3 Pre-Med)	Andrews
Nunnery, E. W. (3 V Ag Ed)	Great Falls
Nuttall, R. W. (1 E)*	Cedartown, Ga.
Odom, C. T. (2 V Ag Ed)	Elko
Ogburn, W. L. (1 E)*	Heath Springs
Oliver, J. S. (1 E)	Greeleyville
O'Neal, C. A. (1 V Ag Ed)*	Blenheim
Onufer, G. R. (2 GS)	North Charleston
Orr, J. C. (1 Ch-Engr)*	Asheville, N. C.

Name and Course	Address
Owen, W. B. (2 TE)	Greenville
Owen, W. H. (3 ME)	Rock Hill
Oxner, V. C. (1 TE)	Kinards
Palles, N. L. (1 E)	Florence
Palmer, S. D. (1 E)*	Rock Hill
Pardue, F. R. (1 E)*	Greenwood
Pardue, G. S. (1 E)*	Aiken
Parker, C. V. (1 E)*	Norris
Parker, R. B. (1 E)	Ridgeland
Parkman, H. D. (1 V Ag Ed)	Saluda
Parnell, A. T. (1 V Ag Ed)*	Hemingway
Parris, C. A. (3 EE)	Blacksburg
Parrott, C. J. (1 TC)	York
Pate, H. R. (1 Ag Engr)	Cassatt
Patrick, W. M. (2 CE)	Ruffin
Patton, R. H. (1 V Ag Ed)	Gray Court
Paulling, H. E. (2 EE)	St. Matthews
Payne, H. S. (4 CE)	Cartersville, Ga.
Paysinger, R. B. (3 GS)	Ninety Six
Peake, E. C. (1 E)*	Union
Peake, T. H. (3 Ch-Engr)	Union
Peartree, S. P. (S)*	Greenville
Pedrosa, C. (4 Pre-Med)	San Juan, P. R.
Peppers, C. H. (2 Pre-Med)	Taylors
Perry, B. J. (2 EE)	Ridgeland
Perry, J. M. (2 TE)	Charlotte, N. C.
Perry, T. S. (2 V Ag Ed)	Liberty
Peschl, F. C. (2 ME)	Hendersonville, N. C.
Petros, P. M. (2 Pre-Med)*	Mullins
Pettit, J. G. (1 E)*	Spartanburg
Phillips, J. H. (1 E)	Raleigh, N. C.
Pinckney, J. C. (1 E)*	Pritchardville
Pinion, D. E. (1 E)*	Calhoun
Pinson, M. J. (4 TE)	Spartanburg
Pitts, J. H. (2 Ag Engr)	Clinton
Pitts, W. M. (4 CE)	Camden
Plyler, D. B. (1 V Ag Ed)*	Monroe, N. C.
Poe, W. M. (4 TE)	Greenville
Ponder, W. R. (1 E)*	Williston
Porter, J. H. (1 A)*	Florence
Preacher, W. C. (1 A)	Ridgeland
Pressley, J. H. (1 Ch-Engr)	Americus, Ga.
Price, R. F. (1 E)*	Walterboro
Pringle, S. M. (1 E)*	Sumter
Pruitt, G. J. (1 TE)	Greer
Pruitt, W. W. (2 EE)	Greenville
Punaro, A. E. (2 TE)*	North Augusta
Pursley, R. B. (2 A)	Filbert
Putman, J. C. (3 Ch-Engr)	Walterboro
Quick, G. R. (1 Pre-Med)	Bennettsville
Quick, I. A. (1 E)*	Dillon
Quinn, D. W. (2 TE)	Pelzer
Rader, D. H. (3 ME)	Columbia
Ramsey, F. C. (1 TE)*	Gaffney
Randall, W. B. (1 E)*	Spartanburg
Rappe, M. R. (1 Ar Engr)	Sumter
Rauch, R. J. (1 E)	Rock Hill
Rauton, G. W. (1 A)*	Johnston
Ravenel, W. F. (1 E)*	Sanford, Fla.
Ray, S. B. (1 Ch-Engr)*	Williston
Reames, D. L. (1 I Ed)	Bishopville
Reasonover, W. S. (3 GS)	Camden
Redick, A. W. (1 E)*	Lydia
Reed, C. B. (1 TE)*	Campobello
Reed, G. M. (1 E)*	Anderson
Reeves, E. R. (1 E)	Branchville
Reeves, F. M. (1 E)	Ridgeway
Reeves, R. E. (1 Ag Engr)*	Central
Reynolds, J. T. (1 E)	Johnstown, Pa.
Reynolds, R. A. (1 E)*	Great Falls
Rhame, E. H. (3 EE)	Sumter
Rhodes, H. G. (2 ME)	Darlington
Rhyne, E. H. (1 GS)*	Clemson
Richardson, H. C. (1 E)*	Greenville
Richardson, H. D. (4 ME)	Orangeburg
Richardson, R. T. (1 E)*	Gaffney
Richbourg, J. A. (1 E)*	Summerton
Richbourg, W. W. (1 Ar)	Union
Rickenbaker, T. C. (1 Ar)*	Knoxville, Tenn.
Ridenhour, G. C. (1 E)	Greenville
Ridgeway, R. F. (4 ME)	Greenville
Rigby, A. J. (3 ME)	Kingstree
Rigby, J. N. (1 E)	Kingstree
Riley, F. S. (2 ME)	Hilton Village, Va.
Riley, O. B. (4 Ar Engr)	Sumter
Rinehart, W. G. (1 E)*	Leesville
Ritchie, P. L. (3 C)	Greenville
Roan, C. T. (1 E)*	Atlanta, Ga.
Roberts, D. E. (1 V Ag Ed)	Chester
Roberts, J. B. (1 E)*	Green Sea
Roberts, W. H. (1 A)*	Galivants Ferry
Robinson, A. B. (1 GS)	Easley
Rochester, D. P. (1 V Ag Ed)	Salem
Rochester, J. R. (1 E)	Greenville
Roddey, T. T. (1 E)*	Columbia
Rogers, J. H. (2 A)	Hartsville
Rogers, T. L. (1 E)	Sumter
Rosamond, H. P. (1 E)*	Greenville
Rose, A. M. (1 Ch-Engr)*	Marion
Ruff, W. L. (1 E)*	Ware Shoals
Rush, C. R. (1 E)*	Greenwood
Rushton, H. G. (1 E)	Greenville
Russell, J. M. (2 Ag Engr)	Holly Hill
Rutledge, J. R. (1 Pre-Med)	Greenville
Ryan, W. T. (1 E)*	Navy Yard
Salley, D. C. (3 ME)	Saluda, N. C.
Sanders, L. H. (1 A)*	Union
Sanders, W. D. (1 E)*	Anderson
Sarratt, C. F. (1 E)*	Belton
Sarvis, W. G. (1 E)	Conway
Satterfield, J. W. (1 E)*	Walhalla
Saunders, F. B. (3 EE)	Aulander, N. C.
Saylor, R. O. (1 Ag Engr)	North
Schumacher, S. (2 CE)	Walhalla
Schwiers, A. B. (1 A)	Greenville
Scott, R. B. (1 E)	York
Seacord, J. E. (2 TE)	Greenville
Sease, W. R. (3 V Ag Ed)	Lexington
Senn, C. J. (2 A)	Columbia
Setzer, J. L. (1 E)*	Canton, N. C.
Shaw, H. E. (1 E)*	Charleston
Shealey, R. W. (1 Pre-Med)*	Laurens
Shealy, E. E. (1 V Ag Ed)*	Gilbert
Shealy, P. S. (1 E)	Batesburg
Shearin, A. T. (1 GS)	Darlington
Sheely, J. E. (1 TE)*	Little Mountain
Shelnut, J. R. (2 ME)	Greenville
Shelton, G. F. (1 E)*	Charleston
Shepard, J. R. (2 Ar)	Washington, D. C
Sherard, S. (1 E)	Toccoa, Ga.
Sherard, S. F. (1 V Ag Ed)	Calhoun Falls
Shields, J. L. (3 A)	Murphy, N. C.
Shipman, J. H. (1 E)*	Augusta, Ga.
Shugart, W. H. (1 A)	Sumter
Sibley, M. E. (2 TE)*	Milledgeville, Ga.
Siegel, H. J. (1 TE)*	New York, N. Y.
Sikes, B. R. (1 E)*	Spartanburg
Simmons, J. C. (4 TE)	Greenville
Simmons, J. L. (1 E)*	St. George
Simpson, J. T. (1 E)*	Rock Hill
Simpson, V. B. (1 E)	Clinton
Sineath, R. A. (1 Ar)*	St. George
Singletary, R. M. (1 E)	Cross
Siokos, G. Z. (2 EE)	Columbia
Skinner, C. R. (2 V Ag Ed)	Mayesville
Smith, B. B. (2 GS)	Morristown, Tenn.
Smith, H. Z. (2 A)	Anniston, Ala.
Smith, J. A. (3 ME)	Santurce, P. R.
Smith, J. D. (1 E)*	Walhalla
Smith, J. S. (1 Pre-Med)*	Fairforest
Smith, L. B. (1 Pre-Med)	Athens, Ga.
Smith, M. B. (2 A)*	Spartanburg
Smith, N. (1 TE)*	Greer
Smith, O. L. (1 E)*	Anderson
Smith, R. C. (1 V Ag Ed)*	Bishopville
Smith, R. E. (1 E)*	Jacksonville, Fla.

Name and Course	Address
mith, S. C. (2 V Ag Ed)	Madison
mithwick, W. A. (1 A)	Chester
ojourner, D. C. (2 ME)	St. George
osa, F. (2 TE)	San Juan, P. R.
oubeyroux, R. S. (1 Ar Engr)	Charleston
pencer, W. C. (1 E)*	Rock Hill
pencer, W. O. (1 V Ag Ed)*	Cheraw
pires, T. H. (1 Ch-Engr)	Dawson, Ga.
pivey, E. P. (2 A)	Loris
tackhouse, T. F. (2 EE)	Florence
tanley, J. A. (1 E)	Sumter
tathakis, A. J. (2 ME)	Chester
tegall, W. C. (1 E)*	West Union
tehmeyer, E. H. (2 EE)	Charleston
tevens, J. E. (2 TE)	Spartanburg
tevens, J. P. (1 V Ag Ed)	Conway
tevens, J. T. (1 E)*	Yonges Island
till, C. N. (1 Ch-Engr)*	Greenwood
togner, D. C. (1 V Ag Ed)*	Simpsonville
tokes, C. L. (1 A)	Camden
tone, R. E. (2 V Ag Ed)	Pamplico
torey, P. E. (1 Pre-Med)	Greenville
torey, W. A. (3 ME)	Greenville
toudenmire, S. W. (2 V Ag Ed)	Lone Star
tradley, C. D. (1 E)*	Greenville
trasser, W. V. (3 Ar Engr)	Louisville, Ky.
trickland, C. H. (1 GS)	Oakboro, N. C.
troman, J. L. (1 E)	Orangeburg
troud, O. L. (1 E)*	Edgmoor
tuckey, T. W. (1 V Ag Ed)*	Nesmith
turgis, W. I. (1 Ag Engr)	Rock Hill
ublette, R. A. (1 TE)	Westminster
uddeth, J. A. (3 Ind-Phy)	Clinton
ugg, T. B. (1 Pre-Med)*	Alcolu
ullivan, H. M. (3 TE)	Gaffney
ultis, J. E. (1 E)	Beaumont, Texas
witzer, J. P. (1 V Ag Ed)*	Roebuck
wygert, L. S. (2 A)	Waterloo
albert, W. C. (1 E)*	Columbia
allon, R. M. (1 E)*	Lynchburg
aylor, R. N. (1 E)*	Spartanburg
aylor, W. H. (1 TE)	Newnan, Ga.
ecklenburg, H. (1 GS)*	Charleston
emple, W. W. (1 E)*	Level Land
ewkesbury, A. M. (1 E)*	Aiken
heiling, L. F. (4 C)	Orangeburg
heodore, G. A. (3 EE)	Spartanburg
homas, E. L. (3 ME)	Rock Hill
homas, J. G. (1 TC)*	Belton
homas, L. P. (3 EE)	Dacusville
homas, R. J. (1 V Ag Ed)	Fort Mill
hompson, J. P. (1 TE)*	Greenville
hompson, L. W. (1 TE)*	Spartanburg
hompson, O. N. (1 E)	Columbia
hornhill, T. E. (2 EE)	Charleston
hornton, E. C. (1 C)*	Spartanburg
immerman, E. M. (1 E)	Clinton
odd, B. J. (4 A)	Loris
ompkins, H. P. (1 E)*	Parksville
owles, K. J. (1 E)*	Charleston
rakas, P. N. (1 E)*	Spartanburg
ripp, J. E. (1 E)*	Pelzer
rotter, H. R. (1 V Ag Ed)*	Ward
rout, M. B. (2 Pre-Med)	Spartanburg
rowell, L. M. (1 A)*	Lena
urner, C. M. (1 A)*	Scranton
urner, E. C. (3 A)	Clemson
urner, M. N. (1 Ar Engr)	Spartanburg
urner, R. R. (1 GS)*	Mission, Texas
uten, J. M. (1 E)	Greenville
yson, S. E. (1 E)	Strother
ldrick, R. C. (2 Ag Engr)*	Donalds
ansant, F. B. (1 E)*	Leesville
arn, H. W. (1 E)*	Walterboro
aughan, H. F. (1 E)*	N. Charleston
aughan, R. C. (1 A)*	Van Wyck
ehorn, J. T. (1 E)*	Landrum
ereen, C. M. (1 E)*	Little River
Vickery, A. V. (2 ME)	Hartwell, Ga.
Viser, E. T. (4 Ch-Engr)	Greenville
Wald, E. C. (1 E)*	Seneca
Walker, C. T. (1 E)*	Summerton
Wallace, H. E. (1 Pre-Med)*	Beaufort
Wallace, O. L. (2 A)	Dillon
Wallace, P. A. (1 A)	Bennettsville
Wallace, T. E. (3 V Ag Ed)	Bennettsville
Wallace, W. H. (1 TE)	Greenville
Walton, J. R. (1 E)*	Johnston
Walton, W. L. (1 E)*	Ellenton
Warner, R. E. (1 E)*	Florence
Warthen, D. (1 E)*	Asheville, N. C.
Washington, W. M. (4 TE)	Honea Path
Watkins, J. M. (2 EE)	Greenwood
Watkins, W. J. (1 E)*	Westminster
Watson, H. J. (3 Ind-Phy)	Charleston
Watson, R. H. (1 TE)	Enoree
Watson, R. O. (1 Pre-Med)	Blaney
Watson, W. C. (1 A)*	Longs
Webb, R. L. (2 CE)	Virginia Beach, Va.
Weed, H. F. (1 A)*	Irmo
Weir, F. J. (1 TE)*	Newberry
Weldon, R. B. (1 Ed)*	Bennettsville
Wells, J. W. (1 E)	Gaffney
Wessell, T. J. (1 E)	Andrews
Wessinger, J. E. (2 EE)	Leesville
Wessinger, N. C. (2 EE)	Springfield
White, J. C. (1 E)*	Inman
White, J. H. (1 A)*	Gaffney
White, J. L. (1 A)*	McCormick
White, W. C. (1 Ed)*	Timmonsville
White, W. E. (1 E)*	Fort Mill
Whitehead, L. E. (2 EE)	Gainesville, Ga.
Whitten, W. C. (3 TE)	Walhalla
Wiggs, M. R. (2 A)	Fayetteville, N. C.
Wilbanks, J. T. (1 E)*	Clemson
Wilkes, L. H. (1 Ag Engr)*	Winnsboro
Wilkes, L. W. (2 ME)	Chester
Williams, C. F. (1 E)*	Orangeburg
Williams, J. E. (1 Ar)*	Spartanburg
Williams, J. F. (1 E)*	Dacusville
Williams, J. K. (1 E)	Patrick
Williams, J. T. (1 E)*	Rock Hill
Williams, L. E. (1 Pre-Med)	Toccoa, Ga.
Williams, L. F. (3 V Ag Ed)	Woodleaf, N. C.
Williams, Y. E. (2 V Ag Ed)*	Wagener
Williamson, M. E. (2 V Ag Ed)	Donalds
Williamson, N. E. (3 EE)	York
Willimon, C. P. (1 Ch-Engr)*	Greenville
Willis, J. C. (1 E)	Owings
Willis, S. M. (1 E)*	Greenwood
Wilson, E. J. (1 A)*	Blythewood
Wilson, J. R. (1 E)*	Lockhart
Wilson, W. L. (1 E)*	Williamston
Wilson, W. N. (1 E)	Williamston
Wingard, R. D. (1 E)*	Lexington
Wise, K. C. (1 TE)	Prosperity
Wise, L. M. (1 E)*	Greenville
Wise, P. B. (1 V Ag Ed)	Trenton
Wofford, J. T. (1 E)	Greenville
Wolfe, G. A. (1 E)*	Inman
Wolfe, G. R. (1 E)	Anderson
Wolfe, T. M. (2 ME)	Orangeburg
Wood, A. L. (1 E)	Newberry
Wood, J. R. (1 E)	York
Wood, M. M. (1 E)*	Greer
Woodfin, H. Z. (2 A)	Inman
Woods, M. R. (3 TE)	Greenville
Woodward, J. R. (1 A)*	Aiken
Woodward, M. A. (2 ME)*	Augusta, Ga.
Wooten, L. E. (1 Ch-Engr)	Greenville
Word, C. B. (1 TE)*	Laurens
Workman, R. R. (1 Ar Engr)	Charlotte, N. C.
Wright, J. M. (3 V Ag Ed)	Ward
Wright, W. B. (1 GS)	Anderson
Wyatt, D. E. (1 V Ag Ed)*	Greenville

Name and Course	Address
Wylie, W. O. (1 E)	Chester
Yancey, L. M. (1 I Ed)	Union Mills, N. C.
Yobs, R. L. (1 GS)*	Columbia
Yonce, J. E. (2 A)	Johnston
Young, J. G. (1 E)*	Sumter
Zedaker, L. E. (1 E)*	Charlotte, N. C.
Zuver, M. (1 V Ag Ed)	Clemson

†SUPPLEMENTARY LIST OF STUDENTS, SECOND SEMESTER, 1945-1946

Name and Course	Address
Abbott, L. H. (1 GS)	Seneca
Abrams, J. P. (4 GS)	Whitmire
Acree, W. R. (1 E)	Toccoa, Ga.
Adams, E. B. (1 E)*	Edgefield
Adams, J. H. (1 E)*	Greenville
Adkins, L. A. (1 TE)*	Augusta, Ga.
Aiken, C. B. (1 E)*	Pickens
Aiken, D. A. (1 TE)	Winnsboro
Alewine, F. H. (1 TE)*	Greenwood
Alewine, H. E. (1 Ar)*	Taylors
Alexander, J. F. (1 A)*	Anderson
Allen, G. A. (1 A)*	Franklin, Tenn.
Allen, O. L. (1 E)*	Walhalla
Alley, R. L. (1 E)*	Petersburg, Va.
Alvarez, W. G. (1 TE)*	Greenville
Anderson, C. P. (1 TE)*	Lexington, N. C.
Arnette, R. L. (1 E)*	Lancaster
Arnette, W. J. (1 TE)*	Winnsboro
Arnold, H. H. (1 TE)	Woodruff
Arrington, L. R. (PG)	Ninety Six
Ashley, G. H. (1 E)*	Ware Shoals
Ashley, W. E. (1 TE)*	Donalds
Attaway, H. B. (1 A)*	Beaufort
Austin, M. G. (4 V Ag Ed)	Cameron
Avant, W. D. (1 E)*	Conway
Bagwell, C. E. (1 E)*	Spartanburg
Bailey, R. B. (S)	Clemson
Baker, W. S. (2 TE)	Greenville
Ball, S. E. (1 TE)*	Greenville
Ball, W. L. (1 E)*	Laurens
Ballard, W. L. (1 E)*	Charleston
Ballenger, A. P. (1 E)*	Taylors
Barbare, H. B. (1 E)*	Greenville
Barbie, T. F. (1 A)*	Hartsville
Bardin, P. T. (4 Agr)	Cameron
Baskin, R. R. (2 A)	Bishopville
Batson, L. P. (1 TE)	Greenville
Baxley, H. H. (4 GS)	Kershaw
Beach, H. F. (1 A)	Walterboro
Bean, J. T. (1 E)*	Forest Park, Ga.
Bearden, R. R. (1 E)*	Salem
Bedenbaugh, P. H. (1 V Ag Ed)*	Leesville
Bell, K. R. (2 A)	Lydia
Belue, H. H. (1 E)	Union
Berly, J. A. (3 EE)	Clemson
Berman, E. G. (1 TE)	Brooklyn, N. Y.
Bertram, C. W. (1 E)*	Columbia
Bethea, P. L. (2 Ag Engr)	Latta
Beville, U. U. (1 Pre-Med)	Columbia
Bisher, E. P. (1 E)*	Kingston, Pa.
Bishop, E. E. (3 Agr)*	Campobello
Bishop, H. E. (1 TE)*	Wellford
Bishop, J. C. (1 A)*	Frogmore
Black, J. B. (1 TE)*	Honea Path
Black, J. T. (1 V Ag Ed)*	Leesville
Blackwell, F. M. (1 E)*	Orangeburg
Blair, A. E. (1 E)*	Greenville
Blair, P. C. (1 E)*	Pikeville, Ky.
Blakely, E. (2 TE)	Abbeville
Blanton, O. H. (2 A)	Tabor City, N. C.
Boazman, E. R. (2 A)	Chappells
Bobrow, A. E. (3 D)	Brooklyn, N. Y.
Bodie, A. B. (1 E)	Newberry
Boggs, A. J. (S)	Clemson
Boggs, P. N. (1 A)	Clemson
Boliver, T. E. (2 ME)	Columbia
Bonds, R. S. (1 E)	Georgetown
Bonnette, G. H. (PG)	Florence
Booker, M. P. (PG)*	Anderson
Boroni, H. L. (1 E)*	Brooklyn, N. Y.
Bosdell, F. A. (1 TE)*	Greenwood
Bowen, R. R. (1 E)	Greenville
Bowers, T. S. (3 D)	Leesville
Boyce, J. A. (4 TE)	Clinton
Boyd, H. S. (1 TE)*	Laurens
Boyle, W. A. (2 GS)	Summerville
Bozard, J. D. (2 A)	Orangeburg
Braddy, E. N. (PG)*	Dillon
Bradford, J. A. (1 TE)	Anderson
Bradham, J. M. (1 Pre-Med)*	Manning
Branyon, H. E. (2 A)	Honea Path
Brawley, J. R. (1 E)*	Chester
Brawley, J. T. (1 E)*	Chester
Bridwell, M. N. (1 TE)*	Greenville
Brisendine, R. S. (1 TE)	East Point, Ga.
Broadwell, W. E. (3 TC)	Sumter
Brooks, W. C. (4 TE)	Prosperity
Broome, J. D. (2 ME)	Abbeville
Brown, G. W. (1 E)*	Darlington
Brown, J. W. (2 TE)	Greenville
Brunson, J. F. (1 E)	Fairfax
Brunson, S. S. (2 EE)	Sumter
Buchman, D. I. (1 E)*	New York, N. Y.
Bunker, L. W. (1 E)	Charlotte, N. C.
Burdette, L. W. (2 EE)	Greenville
Burdette, R. W. (1 E)*	Greer
Burley, L. D. (1 E)	Walhalla
Burnett, A. D. (3 Pre-Med)	Sumter
Burnett, C. B. (2 TE)	Spartanburg
Burnett, W. C. (1 Ed)	Langley
Burns, L. E. (1 E)	Greenville
Burton, D. R. (1 E)*	Pelzer
Busch, C. W. (2 ME)	Aiken
Bush, C. T. (2 ME)	Rock Hill
Buttner, J. G. (4 EE)*	Baltimore, Md.
Butts, W. W. (1 E)*	Walhalla
Byers, M. D. (2 I Ed)	Greenville
Byrd, G. T. (1 E)*	Reynolds, Ga.
Calhoun, J. D. (2 ME)	Ringgold, Ga.
Calhoun, J. R. C. (GS)	Dillon
Calvert, L. (1 E)	Mount Holly, N. C.
Calvert, T. E. (1 TE)*	Honea Path
Campbell, J. E. (3 Pre-Med)	Camden
Campbell, M. W. (1 E)*	Pelzer
Campbell, T. H. (1 GS)	Pendleton
Cantrell, J. L. (1 TE)	Fort Mill
Cappelmann, E. H. (2 ME)	Columbia
Carnell, E. F. (2 A)	Unio
Carson, A. B. (1 E)*	Greenville
Carson, J. E. (2 GS)	Spartanburg
Carter, Joseph H. (2 Ag Engr)*	Newton, N.

†Students enrolled for the second semester who were not enrolled for the first semester. In this list, students are classified according to their credits at the beginning of the second semester; new students admitted at the beginning of the second semester are indicated by an asterisk (*).

ame and Course	Address
rtwright, F. R. (2 GS)	Yonges Island
rtwright, T. C. (2 A)	York
rver, A. B. (1 E)*	Lockhart
rwile, A. B. (3 Ag Engr)	Abbeville
ry, T. C. (3 GS)	Honea Path
sey, J. H. (1 TE)*	Inman
ssells, A. L. (1 TE)*	Chester
stles, D. F. (1 E)*	Winnsboro
tes, J. M. (1 Ar)*	Savannah, Ga.
to, L. (2 GS)	Monetta
to, L. F. (1 A)	Monetta
ughman, K. G. (2 ME)	Elizabeth, N. J.
uthen, V. W. (1 E)*	Greenville
cil, O. K. (1 Ar)*	Spartanburg
adwick, J. W. (3 ME)	Saluda
alker, A. L. (1 E)*	South Orange, N. J.
alker, D. F. (2 CE)	South Orange, N. J.
ampion, C. O. (1 E)	Shelby, N. C.
ampion, J. C. (1 E)*	Shelby, N. C.
aplin, P. C. (2 Ag Engr)	Hartsville
apman, W. H. (1 E)*	Piedmont
apman, W. O. (1 E)	Liberty
appell, P. C. (3 EE)	Columbia
astain, F. H. (3 V Ag Ed)	Pickens
astain, R. A. (1 E)*	Pelzer
astain, W. B. (1 E)	Pickens
eatham, C. E. (3 Ar)	Greenville
eatham, R. J. (1 TE)	New Orleans, La.
eek, H. (4 AH)	Bowersville, Ga.
ark, J. R. (2 TE)	Walhalla
egg, J. M. (1 A)	Ridgeland
eland, C. H. (1 E)*	Ridgeland
emmer, R. H. (1 A)	Ridgeland
chran, A. L. (1 E)*	Clemson
chran, W. R. (1 E)	Clemson
leman, A. B. (2 A)*	Anderson
leman, R. W. (1 E)	Chester
leman, T. E. (1 E)*	Mountville
ne, L. R. (3 V Ag Ed)	Fairfax
nnor, J. E. (4 GS)	Smoaks
ok, C. C. (1 E)	Prosperity
ok, J. H. (1 TE)*	Travelers Rest
ok, W. H. (1 A)*	Bartow, Fla.
oper, H. M. (1 E)*	Greenville
pe, J. H. (2 A)	Cope
rbett, R. L. (1 E)	Wagener
rley, J. E. (1 A)*	Lexington
rnwell, J. E. (2 TE)	Florence
rry, D. S. (1 E)*	Gaffney
thran, E. E. (2 TE)	Sandy Springs
thran, R. F. (1 E)*	Manning
usins, C. E. (2 A)	Newberry
x, C. D. (1 E)*	Newnan, Ga.
yle, H. B. (1 TE)*	Gaffney
aig, J. E. (2 A)	Salem
andall, H. E. (3 ME)	Clemson
awford, H. O. (1 A)	Clemson
awford, K. L. (PG)	Clemson
awford, L. A. (3 TE)	Goldville
eel, C. T. (1 A)*	Hemingway
enshaw, C. L. (1 E)*	Pendleton
omer, P. E. (1 E)*	Anderson
onk, L. J. (2 Ar)	Metuchen, N. J.
owe, R. N. (1 E)	Greenwood
owther, F. H. (4 TE)	Clemson
owther, R. R. (2 TE)	Clemson
owther, W. F. (PG)*	Due West
umpton, C. H. (2 TE)	Orangeburg
ller, C. R. (1 E)*	Orangeburg
reton, W. M. (1 Ar)	Union
rtis, R. J. (1 TE)*	Lexington, N. C.
namon, N. (1 A)*	Columbia
ly, J. A. (1 E)*	Charlotte, N. C.
niel, A. A. (1 A)*	Elberton, Ga.
rgan, A. S. (1 E)	Darlington
vis, D. (2 A)	Seneca
vis, V. G. (1 E)*	Greer
vis, W. E. (1 E)	Ware Shoals

Name and Course	Address
Davis, W. L. (1 E)*	Easley
DeLorme, A. C. (3 Pre-Med)	Maplewood, N. J.
Demosthenes, H. C. (1 TE)*	Savannah, Ga.
Denaro, L. F. (1 E)*	Moncks Corner
Denton, D. W. (1 E)	Decatur, Ga.
Derrick, N. D. (1 TE)*	W. Columbia
DeYoung, L. B. (2 GS)	Clemson
Dibble, A. J. (3 H)	Orangeburg
Dixon, G. B. (1 E)*	Greenville
Doar, H. F. (1 C)	Charleston
Donnahoo, J. J. (1 TE)*	Inman
Doyle, C. B. (1 GS)*	Anderson
Dreher, F. E. (3 I Ed)	W. Columbia
Driggers, E. P. (1 E)*	Greenville
Driver, B. (1 E)*	Westminster
Duffie, H. Z. (2 Ag Engr)	Saluda
Dunaway, T. W. (1 C)*	Thomaston, Ga.
Duncan, R. F. (1 E)*	Charleston
Eargle, V. H. (1 E)*	Leesville
Edens, J. M. (1 A)*	Dalzell
Edens, M. B. (2 A)	Pickens
Elfert, C. G. (1 E)*	Labadieville, La.
Elliott, J. C. (1 V Ag Ed)*	Chester
Elrod, A. D. (1 I Ed)*	Central
Elrod, C. V. (2 TE)	Central
Elrod, M. C. (1 TE)*	Piedmont
Epps, S. (1 TE)	Fort Mill
Eubanks, L. (1 TE)*	Graniteville
Eudy, K. L. (1 GS)*	Oakboro, N. C.
Evans, D. E. (1 Pre-Med)*	Dillon
Evans, J. R. (1 E)*	Anderson
Evans, J. S. (2 Ag Engr)	New Zion
Evans, W. C. (1 Pre-Med)*	Clemson
Falkner, I. L. (1 E)*	Camp LeJeune, N. C.
Fant, C. H. (2 A)	Anderson
Fant, R. G. (4 Ar)	Lockhart
Faris, L. W. (1 TE)	Greenville
Farmer, R. E. (1 Ar)	Anderson
Farrell, J. G. (2 TE)	Drayton
Fassbender, W. F. (1 E)*	Red Springs, N. C.
Fellers, R. H. (1 Ar)	Newberry
Fendley, E. R. (1 V Ag Ed)	Spartanburg
Fendley, J. E. (1 E)*	Westminster
Fernandez, M. (2 Ag Engr)	Alajuela, C. R.
Fields, L. (1 V Ag Ed)*	Lamar
Fincher, G. L. (2 V Ag Ed)*	Lynchburg
Fisher, J. N. (1 I Ed)	Decatur, Ga.
Fleming, G. R. (1 TE)*	Chester
Flemming, W. R. (1 A)	Gable
Fleu, F. W. (4 GS)	Pikeville, Ky.
Flowers, H. S. (2 ME)	Sumter
Foard, W. W. (1 E)	Marion
Foster, P. F. (1 TE)*	Woodruff
Fowler, H. W. (2 EE)	Union
Fowler, L. B. (1 E)*	Fountain Inn
Fowler, W. C. (1 Ar)*	Columbia
Fraser, W. T. (1 TE)*	Greenville
Frazer, S. M. (2 A)	Chester
Freeman, B. L. (2 Ar)	Anderson
Freeman, R. B. (1 V Ag Ed)*	Hendersonville, N. C.
Fricke, R. E. (1 E)*	Pittsburgh, Pa.
Fritts, G. H. (PG)	Lenoir City, Tenn.
Frye, B. E. (1 E)*	Leesville
Gainer, C. E. (1 Ed)	Lancaster
Gaines, J. R. (1 TC)*	Liberty
Galloway, T. L. (1 A)*	Darlington
Gardner, H. L. (1 E)*	Hartsville
Gardner, J. E. (1 E)*	Goldville
Garner, R. L. (1 TE)*	Union
Garron, M. H. (1 E)*	Greenville
Garrison, A. F. (1 TC)	Hartwell, Ga.
Garvin, N. E. (2 TE)	Concord, N. C.
Gay, M. F. (4 Ar)	Kershaw
Gee, G. (3 AH)	Charlottesville, Va.
Geer, W. F. (1 E)*	Anderson
Gerritsen, B. H. (1 E)*	Fairlawn, N. J.

Name and Course	Address
Gervais, J. L. (2 CE)	Johns Island
Gignilliat, W. W. (2 Ch-Engr)	Macon, Ga.
Gilbert, J. W. (1 E)*	Greenville
Gillespie, J. W. (2 C)	Walhalla
Gilreath, J. H. (2 ME)*	Greenville
Glenn, B. F. (1 E)	Anderson
Glenn, C. H. (1 TE)	Greenville
Glenn, G. A. (2 TE)	Fair Play
Godwin, C. V. (1 E)*	Lynchburg
Goethe, R. N. (3 ME)	N. Charleston
Goforth, C. C. (2 V Ag Ed)*	Gaffney
Goodman, J. R. (3 CE)	Clemson
Goodwin, W. T. (1 E)*	Spartanburg
Graham, T. H. (2 TE)	Scranton
Gramling, A. C. (2 V Ag Ed)	Orangeburg
Gray, J. R. (1 Ar)*	Anderson
Gray, J. T. (3 Ar Engr)	Greenville
Gray, W. J. (2 A)	Savannah, Ga.
Greer, T. M. (3 EE)	Greer
Greer, W. M. (PG)*	Greenville
Gregory, J. N. (1 E)	Greenville
Gregory, J. T. (2 CE)	Union
Gresham, J. A. (1 Pre-Med)	Greenwood
Gresham, P. G. (1 E)*	Newport News, Va.
Griffin, D. H. (1 E)*	Saluda
Griggs, G. W. (1 E)	Society Hill
Grigsby, R. L. (3 V Ag Ed)	Saluda
Grogan, R. L. (1 TE)	Westminster
Grubb, C. W. (1 E)*	Salisbury, N. C.
Guest, F. K. (2 Ch-Engr)*	Taylors
Gulledge, C. J. (2 A)	Wedgefield
Gulledge, L. M. (1 A)*	Wedgefield
Haggerty, A. L. (1 E)*	Tucapau
Hair, T. L. (1 TE)*	Anderson
Hamilton, H. G. (1 E)*	Anderson
Hammond, E. W. (1 E)	Greenville
Hamrick, R. Y. (1 E)	Boiling Springs, N. C.
Hanvey, E. A. (2 CE)	McCormick
Hanvey, W. H. (3 V Ag Ed)	McCormick
Harley, J. P. (1 A)*	Trenton
Harper, J. F. (1 A)*	Heath Springs
Harris, G. M. (1 E)	Taylors
Harris, J. W. (3 V Ag Ed)	Madison
Harris, K. A. (1 E)*	Gaffney
Harrison, F. H. (1 E)	Columbia
Harrison, H. H. (1 E)*	Greenville
Hawkins, F. J. (4 TE)	Greenville
Hay, D. E. (2 Ag Engr)	Johns Island
Hay, E. G. (1 E)	Charleston
Hayden, J. (1 E)*	Charlotte, N. C.
Heaton, J. L. (1 E)	Anderson
Hemphill, F. D. (1 Ar)	Columbia
Hendrick, H. L. (3 CE)	Conway
Hendrix, J. L. (1 E)*	Anderson
Herber, H. H. (1 E)	Bethlehem, Pa.
Herbert, A. M. (1 E)	Anderson
Herd, L. O. (1 E)*	Piedmont
Herlong, J. E. (3 Agr & Hort)	Saluda
Herns, C. K. (2 ME)	Charleston
Hester, J. P. (1 E)*	Taylors
Hicks, J. C. (2 TE)*	Pavo, Ga.
Hiers, J. C. (4 D)	Hopkins
Hilton, H. M. (1 Pre-Med)*	Ridgeville
Hix, E. L. (1 Pre-Med)*	Rock Hill
Holcombe, W. G. (1 E)*	Greenville
Holden, R. M. (1 E)*	Clemson
Holladay, C. H. (1 E)*	Sumter
Holland, G. H. (1 Ar)*	Fountain Inn
Holland, M. (2 EE)	Hartwell, Ga.
Holliday, C. A. (1 V Ag Ed)	Liberty
Holliday, L. E. (1 E)*	Manning
Hollingsworth, J. C. (2 V Ag Ed)	Troy
Hollis, E. J. (1 TE)*	Chester
Holsclaw, C. A. (1 E)*	Erwin, Tenn.
Honeycutt, R. G. (1 E)*	Marion, N. C.
Hopkins, J. (1 E)*	Greenville
Hopper, J. E. (4 V Ag Ed)	Dillard, Ga.
Horner, J. H. (2 ME)	Chester
Howell, J. R. (1 A)*	Thomaston, Ga.
Hubbard, E. B. (3 ME)	Sumter
Hughes, F. E. (1 E)*	Charlotte, N. C.
Hull, P. D. (1 I Ed)*	Westminster
Hungerpiller, J. E. (2 ME)	Hartsville
Hunnicutt, J. A. (1 E)*	Greenville
Hunter, J. R. (4 TE)	Lancaster
Hurst, F. M. (3 Ed)	Anderson
Ingram, C. H. (2 ME)	Hartsville
Ivey, J. W. (1 E)	Spartanburg
Ix, F. W. (1 TE)	Charlottesville, Va.
Jackson, F. (3 TE)	Mount Holly, N. C.
Jacobs, J. C. (1 TE)*	Greenville
Jacobs, O. (PG)	Laurens
Jacques, J. R. (1 E)*	Ware Shoals
James, H. W. (1 E)	Union
James, L. W. (1 A)*	Anderson
James, V. H. (1 E)*	Greenville
Jameson, D. M. (1 E)*	Greenville
Jameson, W. H. (1 E)	Pendleton
Jamison, J. W. (1 E)*	Marion, N. C.
Jeffords, T. A. (2 C)	Orangeburg
Jenkins, A. J. (1 E)*	San Ramon, C. R.
Jenkins, R. F. (1 E)*	Charleston
Jenkins, T. M. (1 TE)*	Griffin, Ga.
Jenkins, W. H. (1 E)*	Westminster
Jeter, A. P. (1 Pre-Med)	Rock Hill
Jeter, J. H. (1 TE)	Rock Hill
Johnson, A. B. (1 E)*	Spartanburg
Johnson, J. Arthur (1 TE)*	Graniteville
Johnson, J. K. (1 E)*	Clinton
Johnson, J. R. (1 TE)*	Greenville
Jolley, J. D. (2 TE)	Anderson
Jones, A. R. (3 EE)*	Mt. Sterling, Ill.
Jones, E. R. (4 Pre-Med)	Bethune
Jones, Joseph D. (1 E)*	Marietta
Jones, R. W. (1 E)*	Spartanburg
Jones, W. S. (3 Ag Engr)	Kershaw
Joye, C. M. (4 TE)	Columbia
Joye, W. L. (1 E)*	Thomasville, Ga.
Judy, L. T. (2 A)	Orangeburg
Kay, H. B. (3 Agr)	Easley
Keenan, H. K. (1 A)*	Ellenton
Keller, J. L. (1 E)*	Greenville
Kelly, B. N. (2 A)	Union
Kelly, J. R. (1 TE)*	Central
Kelly, J. W. (1 Ar)	Anderson
Kelly, Z. K. (1 TE)*	Pelzer
Kennerly, R. B. (2 Ed)	Decatur, Ga.
Kilgo, R. A. (1 Ar)*	Laurens
Kimman, J. W. (1 TE)*	Fredericksburg, Va.
Kinard, E. S. (2 GS)*	Starkville, Miss.
King, J. L. (2 ME)	Clemson
Kirby, A. D. (1 E)*	Newry
Kirby, D. C. (1 A)*	Florence
Kirby, D. H. (2 EE)	Lynchburg
Kirkpatrick, H. H. (2 Ed)*	Martelle, Iowa
Kirven, L. E. (1 GS)*	Pinewood
Klinck, P. (3 ME)	North Augusta
Klugh, A. M. (4 GS)	Anderson
Kratzer, B. E. (3 EE)	Bethlehem, Pa.
LaFrage, J. L. (1 E)*	Fort Mill
Landrith, H. F. (1 GS)*	Seneca
Lane, V. K. (1 E)*	Lake City
Langford, J. W. (1 TE)*	Ridgeland
Latham, W. F. (1 TE)*	Ivy
Laycock, R. D. (2 TC)*	Houston, Texas
League, F. M. (1 TE)*	Easley
League, J. A. (1 E)*	Piedmont
Lee, D. L. (2 ME)	Fort Mill
Lee, J. A. (2 Ar Engr)	Greenwood
Lemmon, W. M. (PG)*	Sumter
Leonard, H. B. (2 Ar)*	Columbia
Leonard, M. M. (1 Pre-Med)	Asheville, N. C.
Lewis, L. L. (1 V Ag Ed)*	Leesville
Lewis, R. D. (2 Ar)	Spartanburg
Lewis, V. E. (1 E)*	Spartanburg
Lewis, W. B. (1 TE)*	Easley

Name and Course	Address
Lindler, R. E. (4 V Ag Ed)	Chapin
Lindsay, M. D. (2 TE)	Clemson
Linginfelter, H. G. (1 E)*	Lenoir City, Tenn.
Little, C. A. (1 Pre-Med)*	Atlanta, Ga.
Little, J. O. (1 E)*	Anderson
Little, L. W. (1 E)*	Newberry
Littlejohn, W. M. (4 TE)	Clemson
Littleton, H. E. (PG)	Salem
Locke, J. D. (1 E)*	Taylors
Lofton, A. M. (1 A)*	McClellanville
Lollis, H. E. (1 E)*	Taylors
Long, J. C. (1 E)*	Greenville
Long, Raymond E. (1 E)*	Greenville
Long, Roy E. (3 GS)	Greenwood
Loupo, M. W. (2 Ag Engr)	Lake View
Love, R. L. (1 V Ag Ed)*	Hendersonville, N. C.
Lovett, W. G. (2 EE)	Orangeburg
Lowder, H. M. (3 V Ag Ed)	Turbeville
Lowery, L. H. (1 Ar Engr)*	Greenville
Lumley, H. (2 EE)	Greenwood
Lund, C. M. (1 A)*	Columbia
Lund, S. (1 A)*	Exeland, Wis.
Lunsford, R. D. (1 E)*	Travelers Rest
Lyle, J. W. (PG)*	Richburg
Lytle, B. E. (2 ME)	Fort Mill
McAdams, D. A. (4 Ag Engr)	Iva
McAlister, M. F. (1 E)*	Abbeville
McCanless, W. J. (1 E)*	Georgetown
McCarey, G. H. (1 GS)*	Tallahassee, Fla.
McCarthy, W. O. (1 E)*	Memphis, Tenn.
McClain, L. W. (2 TE)*	Donalds
McClam, C. K. (1 V Ag Ed)	Lake City
McClellan, J. E. (2 CE)	Honea Path
McClellan, J. H. (1 TE)*	Laurens
McColl, H. G. (2 A)	Clio
McConnell, F. M. (1 E)*	Seneca
McConnell, J. E. (1 E)*	Seneca
McCoy, B. J. (1 Ar)*	Belton
McCoy, R. K. (1 A)*	Eastover
McCravy, B. E. (1 Ed)*	Chester
McCreary, J. R. (3 Ar)	Aiken
McDill, M. W. (1 TE)*	Chester
McDonald, J. B. (4 TE)	Bolton, Ga.
McElveen, J. V. (4 Ag Ec)	Washington, D. C.
McGowan, S. B. (2 TE)	Frogmore
McGuire, H. N. (1 Pre-Med)	Clemson
McGuirt, H. V. (1 TE)*	Fort Mill
McIlwain, E. T. (3 Ch-Engr)	Atlanta, Ga.
McIlwain, J. H. (2 ME)	Lancaster
McInnis, L. A. (2 Ag Engr)	Clio
McIver, L. W. (S)*	Greenville
McKagen, E. D. (1 E)	Charleston
McKee, L. O. (2 TE)*	Woodruff
McKevlin, R. R. (2 EE)	Charleston
McKnight, W. G. (1 Pre-Med)*	N. Charleston
McNeely, B. M. (2 ME)*	Mooresville, N. C.
McPherson, A. C. (2 ME)	Dillon
McRae, D. D. (2 EE)	Florence
McRae, W. E. (1 E)*	Bennettsville
Mackay, J. R. (2 ME)	Orangeburg
Maffett, C. W. (1 E)*	Johnston
Mahon, F. W. (3 ME)	Greenville
Mahon, J. M. (4 CE)	Sumter
Maier, L. H. (1 GS)	Nutley, N. J.
Maney, E. D. (1 E)*	W. Asheville, N. C.
Martin, Chester A. (1 E)	Lancaster
Martin, R. E. (PG)*	Leicester, N. C.
Martin, R. F. (3 ME)	Greenville
Martin, T. A. (1 TE)*	Griffin, Ga.
Mason, G. E. (1 V Ag Ed)*	Westminster
May, E. B. (1 TE)	Asheville, N. C.
Mears, C. F. (1 Ar Engr)*	Augusta, Ga.
Merck, E. W. (1 E)*	Central
Merritt, C. F. (3 TE)	Piedmont
Miles, W. L. (1 V Ag Ed)*	Coward
Miller, B. M. (1 E)	Easley
Miller, H. F. (4 V Ag Ed)	Jefferson
Miller, H. M. (1 TE)*	Chester
Mills, V. R. (1 TE)	Forest City, N. C.
Mimms, C. M. (4 V Ag Ed)	Elliott
Mims, J. A. (1 E)*	Florence
Minick, D. L. (1 E)*	Prosperity
Minor, W. L. (1 E)*	Greenwood
Mitcham, P. T. (1 TE)	Thomaston, Ga.
Mitchell, C. E. (2 ME)*	Toccoa, Ga.
Mixon, J. L. (1 A)*	Aiken
Moisson, G. M. (1 TC)*	Greenville
Moisson, W. C. (1 I Ed)*	Greenville
Monts, U. N. (1 E)*	Ridgeway
Moon, M. O. (1 A)*	Greenville
Moore, L. H. (1 A)*	York
Moore, R. N. (4 V Ag Ed)	Central
Moore, S. D. (1 E)*	Hawthorne, N. J.
Moore, W. A. (3 ME)	La France
Morgan, R. E. (1 E)*	Central
Morris, R. D. (2 EE)	Anderson
Moss, E. M. (1 E)*	Seneca
Mosteller, G. W. (1 E)*	Greer
Mullen, C. V. (1 E)	Charleston
Murdock, H. S. (2 Ag Engr)	Belton
Murphree, J. E. (1 E)*	West Union
Murray, D. B. (2 I Ed)	Chester
Myers, R. D. (4 ME)	Orangeburg
Nelson, F. T. (1 TE)*	Florence
Newell, J. D. (1 V Ag Ed)*	Moncks Corner
Nicholson, B. R. (2 A)*	Clayton, Ga.
Nickles, H. C. (1 E)*	Donalds
Nix, V. C. (1 E)*	Cherryville, N. C.
Norman, C. C. (S)*	Clemson
Norris, R. E. (2 V Ag Ed)	Conway
Nott, T. E. (1 E)*	Charlotte, N. C.
O'Rourke, J. C. (1 Ar Engr)*	Greenville
Ouzts, J. E. (1 E)*	Callison
Owens, D. (1 TE)*	Greenville
Owings, W. D. (1 E)*	Greenwood
Padget, A. D. (1 E)*	Saluda
Padgett, H. R. (1 A)*	Walterboro
Parker, F. C. (2 A)*	Pendleton
Parker, J. H. (1 E)*	Norris
Parker, J. W. (1 E)	Camden
Parker, M. W. (1 E)*	Elloree
Parler, R. (1 E)*	St. Matthews
Parr, C. B. (4 D)	Newberry
Parr, H. L. (3 Agr)	Newberry
Parrish, C. E. (2 EE)	Cedartown, Ga.
Patterson, J. A. (1 E)*	Beaufort
Payne, J. E. (PG)	Greenville
Payne, R. T. (1 E)	Charlotte, N. C.
Paysinger, S. B. (1 E)	Ninety Six
Pearson, W. D. (1 E)*	Woodruff
Peek, J. M. (2 CE)	Blacksburg
Pender, M. T. (3 Agr)	Williston
Penland, D. E. (1 E)*	Greenville
Pennington, S. D. (3 ME)	Atlanta, Ga.
Perrell, D. C. (1 E)*	Winston-Salem, N. C.
Perry, C. G. (2 Ch-Engr)	Kannapolis, N. C.
Peterson, T. E. (4 TE)	Spartanburg
Pettit, A. E. (4 CE)	Greer
Phillips, C. D. (1 E)*	Slater
Phillips, R. M. (2 TE)	Glenn Springs
Phillips, V. W. (1 E)*	Jacksonville, Fla.
Phillos, N. (1 E)*	Greenville
Pickens, C. L. (1 TE)	Anderson
Pickens, R. E. L. (3 TE)	Greenwood
Pitts, H. F. (3 EE)	Clinton
Poole, J. L. (1 Ar)	Asheville, N. C.
Poole, T. B. (1 TE)	Clemson
Potter, J. R. (3 CE)	Spartanburg
Powell, H. B. (1 E)*	Spartanburg
Price, J. T. (1 E)*	Starr
Prince, C. B. (2 EE)	Fairforest
Province, P. J. (1 E)*	Chattanooga, Tenn.

Name and Course	Address
Pulkinen, C. S. (1 E)*	Charleston
Quattlebaum, V. K. (2 Ag Engr)	Williston
Quinn, J. M. (1 TE)*	Inman
Quinn, W. A. (2 TE)*	Pelzer
Quinn, W. S. (2 TE)*	Pelzer
Rabey, D. W. (2 ME)	Savannah, Ga.
Raines, W. M. (1 Ar)*	Taylors
Rambke, D. W. (2 EE)	Charleston
Rash, M. C. (1 Pre-Med)*	Lockhart
Ray, D. M. (1 TE)*	Fountain Inn
Reed, H. M. (2 EE)	Panama City, Fla.
Reese, J. E. (2 EE)	Columbia
Reid, J. R. (1 E)*	Sumter
Rentz, A. W. (3 ME)	Columbia
Revels, R. V. (1 TE)	Pineville, N. C.
Rheney, J. W. (3 Pre-Med)	Spartanburg
Rheney, T. B. (1 E)	Spartanburg
Rhodes, L. M. (PG)	Darlington
Rice, A. A. (1 Ar)*	Anderson
Rice, D. D. (2 TE)	Anderson
Rice, R. J. (1 TE)*	Anderson
Richardson, E. A. (PG)*	Westminster
Richbourg, B. F. (1 E)*	Summerton
Richey, B. C. (1 A)*	Pelzer
Rivers, C. F. (1 Pre-Med)*	Tillman
Rivers, H. F. (2 ME)	Johns Island
Rivers, J. D. (1 E)*	Chesterfield
Rivers, J. L. (3 CE)	Johns Island
Robertson, E. F. (1 E)*	Acworth, Ga.
Robertson, W. L. (1 Ed)	Winnsboro
Robinette, J. Z. (3 ME)	Pacolet
Robinson, G. P. (2 TE)	Lancaster
Robinson, T. S. (1 V Ag Ed)*	Turbeville
Robinson, W. H. (1 GS)	Anderson
Rochester, R. M. (1 E)*	Walhalla
Rochester, W. F. (1 E)*	Walhalla
Roddey, J. B. (1 A)	Rock Hill
Rogers, D. D. (2 EE)	Blenheim
Rogers, J. M. (2 Pre-Med)*	Roebuck
Rogers, L. (3 GS)	Clio
Rogers, W. B. (2 GS)	Blackville
Ross, B. B. (1 E)*	Greer
Ross, J. G. (2 EE)*	Newberry
Ross, J. W. (1 TE)*	Pelzer
Ross, L. G. (3 Ed)	Palm Beach, Fla.
Ross, P. B. (2 EE)	Sumter
Ross, T. F. (1 E)	Greer
Rucker, E. G. (1 E)*	St. Matthews
Ruddock, W. O. (4 TE)	Kings Mountain, N. C.
Rumler, E. C. (1 TE)*	Easley
Russell, J. S. (2 EE)	Washington, D. C.
Russell, S. T. (1 E)*	Jamestown
Rutland, L. E. (4 Ag Ec)	Batesburg
Sample, B. F. (1 E)*	Saluda
Sanders, C. W. (2 A)	Charleston
Sanders, H. L. (1 GS)*	Thomaston, Ga.
Sanders, J. B. (2 Pre-Med)	Rock Hill
Sanders, L. W. (1 E)*	Gaffney
Saylors, A. E. (1 TE)*	Ninety-Six
Saylors, K. D. (1 GS)	Anderson
Schneider, A. A. (3 TE)	Paterson, N. J.
Scoggins, J. R. (3 I Ed)	Smyrna
Scott, C. M. (PG)*	Union
Scott, E. B. (1 E)	Marion
Scott, H. M. (1 E)*	Aiken
Scruggs, S. W. (1 GS)*	Travelers Rest
Sedberry, B. R. (1 Ar)	Hartsville
Seddon, F. (1 A)*	Boston, Mass.
Seegars, R. W. (1 TE)*	Jefferson
Self, E. L. (2 EE)	Ninety Six
Self, R. C. (1 TE)*	Greenville
Senn, G. F. (1 E)*	Silverstreet
Senn, L. H. (3 Ent)	Newberry
Shadwell, H. C. (1 E)*	Columbia
Sharp, D. C. (1 A)*	Allendale
Shelor, D. R. (1 E)	Greenville
Sheppard, W. (1 A)*	Beaufort
Sherer, L. D. (2 Ar)	Clemson
Sherriff, R. F. (2 TC)*	Pelzer
Shields, H. W. (1 Pre-Med)*	Greenwood
Shirer, J. H. (2 Ag Engr)	Elloree
Shirley, J. W. (4 C)	Ware Shoals
Simmons, F. L. (1 E)*	Clio
Simpson, E. P. (2 EE)	Greenville
Simpson, H. E. (1 E)	Greenville
Sims, D. E. (1 E)*	Lynchburg
Sinclair, C. W. (3 TE)	Greenville
Sinclair, H. (1 E)*	Greenville
Singleton, J. J. (1 A)*	Westminster
Singleton, W. C. (1 E)*	Pickens
Sirgo, J. R. (1 E)*	Canton, Ohio
Sites, N. R. (1 TE)	White Rock
Skinner, P. B. (1 E)*	Ware Shoals
Skinner, S. H. (1 E)*	Woodruff
Smarr, A. W. (1 E)*	Hickory Grove
Smith, C. B. (1 E)*	Gaffney
Smith, C. R. (3 Ch-Engr)	Rock Hill
Smith, C. T. (PG)*	Columbia
Smith, H. E. (1 E)*	Dover, N. C
Smith, H. M. (1 C)*	Rock Hill
Smith, James A. (1 A)	Mullins
Smith, J. W. (1 TE)*	Greenwood
Smith, K. H. (1 E)*	Orangeburg
Smith, M. C. (1 V Ag Ed)*	East Point, Ga
Smith, M. M. (3 V Ag Ed)	Anderson
Smith, P. M. (3 Hort)	Greenville
Smith, P. R. (1 A)	Winder, Ga
Smith, R. C. (1 TE)*	Spartanburg
Smith, Roy E. (1 E)*	Liberty
Smith, V. H. (1 TE)*	Anderson
Smoyver, E. (4 CE)	Brooklyn, N. Y
Sosa, D. (2 CE)	New York, N. Y
Sparks, E. G. (1 TE)*	Pacolet Mill
Spearman, J. E. (2 TC)	Chattanooga, Tenn
Spearman, J. T. (1 TE)*	Piedmont
Spencer, C. A. (4 ME)	Greenville
Stanek, B. J. (2 A)*	Lykeslan
Starnes, W. H. (1 E)*	Salle
Steadman, W. W. (4 GS)	Ridge Spring
Stephens, W. K. (2 CE)	Canton, N. C
Stephens, W. M. (2 ME)	Abbeville
Stone, A. M. (3 AH)	Clearwater, Fla
Stone, L. W. (1 E)*	Pendleton
Strange, R. H. (2 ME)	Sumter
Stroud, L. E. (2 A)	Richbur
Stuart, E. D. (2 Pre-Med)*	Coronac
Stuck, K. E. (2 A)	Pomari
Stuckey, G. (1 E)*	Bishopvill
Stuckey, J. H. (2 A)	Nesmit
Suggs, A. M. (2 ME)	Clove
Sullivan, M. W. (1 A)	Laurer
Sullivan, W. J. (1 A)*	Walhall
Sutherland, A. C. (3 Ch-Engr)	Columbi
Swink, R. B. (2 EE)	Anderso
Taylor, H. D. (1 A)*	Greenvil
Taylor, R. F. (1 V Ag Ed)*	Gilbe
Terrell, W. L. (3 ME)	Jacksonville, Fl
Thain, T. V. (1 E)	Columb
Thies, K. E. (2 TE)	Charlotte, N. C
Thomas, C. C. (1 A)	Hamc
Thomas, C. E. (1 E)*	White Ha
Thomas, J. E. (3 CE)	Nashville, Ten
Thompson, H. E. (1 TE)*	Honea Pat
Thompson, J. D. (1 E)*	Greenvil
Thorne, W. C. (1 E)*	Sumt
Thrailkill, W. E. (2 EE)	Saluc
Tinsley, S. W. (2 V Ag Ed)	Spartanbu
Todd, A. L. (4 TE)	Anderso
Todd, D. P. (1 E)*	Charlest
Tomlin, R. H. (1 E)*	Walhal
Toms, R. B. (2 TE)	I
Townsend, J. D. (1 A)*	Bennettsvil
Townsend, R. E. (1 TE)*	Laure
Traylor, M. H. (1 E)	Ridgew
Traylor, W. R. (1 A)*	Ridgew

Name and Course	Address
Trotti, L. H. (2 A)*	Chesterfield
Tsiropoulos, N. A. (1 E)*	Charleston
Turnage, L. W. (2 ME)	Hartsville
Turner, J. W. (1 E)*	Albany, Ga.
Tuttle, E. G. (1 TE)*	Great Falls
Uldrick, G. E. (1 E)*	Donalds
Valley, C. J. (2 Pre-Med)	Pickens
Van Ausdal, R. K. (4 ME)	Dayton, Ohio
Van Wart, R. E. (3 ME)	Manasquan, N. J.
Vander Voort, D. G. (4 ME)	Aiken
Vaughan, C. C. (2 Ag Engr)	Jonesville
Vaughan, G. W. (1 TE)*	Greenville
Vaughn, E. M. (1 E)*	Greenwood
Villepigue, H. Y. (3 ME)	Camden
Waddell, N. E. (1 GS)	Aiken
Waldmann, B. W. (2 CE)	Charleston
Walker, C. D. (1 E)*	Charleston
Walker, D. W. (3 TE)	Anderson
Walker, H. E. (1 Pre-Med)	Anderson
Wall, H. A. (2 V Ag Ed)	Moncks Corner
Walters, G. A. (1 E)	Columbia
Ware, G. D. (1 E)*	Iva
Ware, W. T. (1 E)*	Iva
Warnhoff, E. H. (4 Ent)	Alexandria, Va.
Watkins, D. P. (2 Ar)	Anderson
Watson, C. K. (1 A)*	Clemson
Watson, C. V. (2 EE)	Spartanburg
Watson, M. H. (1 V Ag Ed)*	Gresham
Watson, R. F. (PG)*	Greenville
Weaver, A. E. (4 ME)	Jacksonville, Fla.
Webster, F. S. (S)	Greenville
Webster, J. W. (2 TE)*	Greenville
Weekley, C. W. (1 Ar)	Mobile, Ala.
West, J. R. (1 A)*	Spartanburg
Westphal, H. E. (1 E)*	Buffalo, N. Y.
Whaley, J. S. (3 Hort)	Wadmalaw Island
Whatley, J. E. (3 GS)	Greenville
Wheeler, C. D. (1 E)	Augusta, Ga.
Whisonant, A. R. (2 A)	Rock Hill
White, R. W. (2 EE)*	Greenwood
White, V. K. (1 A)*	Hartsville
White, Wilson C. (3 AH)	Chester
Whitesides, W. L. (3 TE)	Smyrna
Whitmire, H. B. (2 TE)	Westminster
Whitmire, T. M. (1 A)*	Salem
Whittaker, W. E. (1 E)*	Anderson
Wicker, E. E. (1 E)*	Spartanburg
Wigington, J. T. (2 EE)	Clemson
Wiggins, R. H. (4 CE)	Little Rock
Wilburn, G. C. (2 EE)	Tillman
Wilk, J. P. (1 Ar)*	East Port Chester, Conn.
Wilkerson, F. M. (1 GS)*	Hickory Grove
Wilkes, R. W. (1 A)*	Leeds
Wilkins, J. B. (1 A)*	Gaffney
Wilkins, W. M. (3 GS)	Spartanburg
Willey, R. B. (2 TE)*	Greenville
Williams, A. E. (3 TE)	Anderson
Williams, C. E. (2 CE)	Rock Hill
Williams, C. L. (2 C)	Baltimore, Md.
Williams, H. F. (2 TE)	Whitmire
Williams, H. H. (2 ME)	Orangeburg
Williams, R. N. (1 V Ag Ed)*	Spartanburg
Williams, R. O. (3 AH)	Gresham
Wilson, J. (1 E)*	Anderson
Wilson, M. E. (3 CE)	Newberry
Wilson, R. P. (2 TE)	Chesterfield
Wilson, W. F. (1 E)*	Greensboro, N. C.
Winburn, J. D. (2 V Ag Ed)	Hartsville
Wolfe, R. M. (2 EE)	Rock Hill
Wood, A. K. (4 TE)	Pierce, Fla.
Wood, W. A. (1 E)*	Greenwood
Wood, W. H. (1 E)*	Gray Court
Woodson, W. W. (2 EE)	Central
Woodward, A. Q. (1 C)	Aiken
Workman, A. C. (4 GS)	Clinton
Workman, J. N. (3 Pre-Med)	McCormick
Wright, E. P. (4 AH)	Seneca
Wright, G. C. (1 E)	Seneca
Wright, H. G. (1 E)	Shelton
Wright, S. P. (2 V Ag Ed)	Bishopville
Wylie, D. C. (3 AH)	Winnsboro
Yarborough, J. R. (1 E)*	Salisbury, N. C.
Yeargin, G. A. (1 Ar)*	Anderson
Zeigler, J. T. (1 E)	Cope

NUMBER OF STUDENTS MAJORING IN EACH CURRICULUM

1945-1946

Classification	Agriculture	Agricultural Engineering	Chemistry	Architecture or Architectural Engineering	Engineering (Unclassified)	Chemistry-Engineering	Civil Engineering	Electrical Engineering	Mechanical Engineering	General Science	Industrial Physics	Pre-Medical	Textile Engineering	Textile Chemistry and Dyeing	Vocational Agricultural Education	Education	Industrial Education	Postgraduate	Special	Enrollment by Classes
Senior	12	1	2	4		2	9	4	13	9	0	2	19	0	8	0	0			85
Junior	19	2	1	3		6	10	18	26	6	2	9	16	1	17	3	2			141
Sophomore	58	22	5	16		4	20	63	58	12	0	16	59	4	33	3	4			377
Freshman	135	28	11	55	654	0	0	0	0	42	2	68	141	6	70	11	8			1231
Post Graduate																		19		19
Special																			10	10
Total	224	53	19	78	654	12	39	85	97	69	4	95	235	11	128	17	14	19	10	1863

ENROLLMENT BY COUNTIES AND STATES

1945-1946

County	*Total*
Abbeville	24
Aiken	36
Allendale	5
Anderson	129
Bamberg	5
Barnwell	13
Beaufort	13
Berkeley	9
Calhoun	12
Charleston	80
Cherokee	24
Chester	37
Chesterfield	13
Clarendon	19
Colleton	16
Darlington	31
Dillon	16
Dorchester	10
Edgefield	10
Fairfield	20
Florence	43
Georgetown	16
Greenville	180
Greenwood	49
Hampton	8
Horry	27
Jasper	9
Kershaw	17
Lancaster	18
Laurens	40
Lee	17
Lexington	27
McCormick	11
Marion	18
Marlboro	17
Newberry	29
Oconee	82
Orangeburg	50
Pickens	74
Richland	47
Saluda	20
Spartanburg	112
Sumter	36
Union	28
Williamsburg	15
York	68
South Carolina Total	1580

State or Country	*Total*
Alabama	3
California	1
Connecticut	1
Costa Rica	3
Cuba	2
District of Columbia	5
Florida	17
Georgia	73
Illinois	2
Iowa	1
Kentucky	3
Louisiana	2
Maryland	2
Massachusetts	1
Mississippi	3
New Jersey	10
New York	13
North Carolina	94
Ohio	5
Pennsylvania	5
Puerto Rico	6
South Carolina	1580
Tennessee	14
Texas	4
Virginia	11
Washington	1
Wisconsin	1
Grand Total	1863

LIST OF STUDENTS

FIRST TERM, SUMMER SEMESTER, 1946

The names are arranged in alphabetical order and following the names are symbols indicating classes and courses. The numerals preceding the course symbols refer to classes, viz.: 1, Freshman; 2, Sophomore; 3, Junior; 4, Senior. (Classified as of first term. A-Agriculture (abbreviation indicates major course for juniors and seniors); Agr-Agronomy; AH-Animal Husbandry; D-Dairy; Ag Ec-Agricultural Economics; Ag Engr-Agricultural Engineering; Ent-Entomology; Hort-Horticulture; GS-General Science; Pre-Med-Pre-Medical; Ind-Phy-Industrial Physics; Ar-Architecture; Ar Engr-Architectural Engineering; C-Chemistry; E-Engineering (all engineering freshman); CE-Civil Engineering; Ch-Engr-Chemistry Engineering; EE-Electrical Engineering; ME-Mechanical Engineering; TE-Textile Engineering; TC-Textile Chemistry; V Ag Ed-Vocational Agricultural Education; Ed-Education; I Ed-Industrial Education; S-Special (not classified); PG-Postgraduate. New students admitted in May, 1946 are indicated by an asterisk (*).

Name and Course	Address
Abernethy, E. E. (4 TE)	Charlotte, N. C.
Abrams, J. P. (PG)	Whitmire
Acree, W. R. (2 CE)	Toccoa, Ga.
Adams, E. B. (1 Ag Engr)	Edgefield
Adams, J. H. (1 E)	Greenville
Addison, J. K. (2 EE)	Cottageville
Aguilar, J. E. (2 Ar)	Alajuela, Costa Rica
Aimar, C. S. (1 Pre-Med)	Beaufort
Alexander, J. F. (1 A)	Anderson
Alexander, J. S. (3 Hort)	Seneca
Alexander, W. R. (1 V Ag Ed)	Bishopville
Allen, J. L. (3 Pre-Med)	Pacolet Mills
Allen, O. L. (1 E)	Walhalla
Alley, R. L. (1 E)	Petersburg, Va.
Altman, A. B. (2 Ag Engr)	Galivants Ferry
Alvarez, W. G. (1 TE)	Greenville
Amick, S. R. (1 E)*	Prosperity
Anderson, C. P. (1 TE)	Lexington, N. C.
Anderson, G. W. (2 ME)	Gastonia, N. C.
Anderson, H. T. (3 EE)	Greenville
Anderson, N. C. (2 A)	Abbeville
Anderson, N. S. (3 TE)	Piedmont
Andreuzzi, F. C. (4 ME)	Hazleton, Pa.
Andrews, W. P. (1 E)*	Greenville
Archer, C. L. (3 GS)	Anderson
Armstrong, J. W. (3 CE)	Laurens
Armstrong, L. W. (1 E)*	Charleston
Arnette, R. L. (1 E)	Lancaster
Arnold, H. H. (2 TE)	Woodruff
Arrington, L. R. (PG)	Ninety Six
Ashley, G. H. (1 E)	Ware Shoals
Ashley, W. E. (1 TE)	Donalds, S. C.
Ashmore, J. P. (1 E)*	Greenville
Askey, M. M. (2A)	North Augusta
Atkinson, A. A. (3 V Ag Ed)	Gresham
Atkinson, W. D. (2 V Ag Ed)	Mullins
Austin, M. G. (4 V Ag Ed)	Cameron
Ayers, J. F. (3 ME)	Greenville
Bagwell, C. E. (1 E)	Spartanburg
Bailey, G. T. (1 TE)*	Greenville
Bailey, J. N. (2 EE)	Greenwood
Bailey, R. B. (S)	Columbia
Baker, W. S. (3 TE)	Greenville
Ball, S. E. (1 TE)	Greenville
Ball, W. L. (1 E)	Laurens
Ballard, W. L. (1 E)	Charleston
Ballenger, A. P. (1 E)	Taylors
Ballew, W. C. (1 TE)*	Easley
Bangle, H. D. (4 Ar)	Salisbury, N. C.
Barbare, H. B. (1 E)	Greenville
Barbie, T. F. (1 A)	Hartsville
Barker, J. S. (4 Ent)	Westminster
Barnes, G. T. (1 GS)*	Savannah, Ga.
Barnwell, C. S. (2 TE)	Macon, Ga.
Barnwell, G. H. (3 Ag Ec)	Florence
Barrett, C. M. (1 TC)*	Lancaster
Barrow, R. C. (3 ME)	Greenville
Baskin, R. R. (2 A)	Bishopville
Bates, E. (1 TE)*	Rock Hill
Bates, W. C. (1 GS)	Marietta
Batson, L. P. (2 TE)	Greenville
Baxley, H. H. (4 GS)	Kershaw
Beach, H. F. (2 A)	Walterboro
Bearden, R. R. (1 E)	Salem
Bedenbaugh, H. M. (3 V Ag Ed)	Prosperity
Bedenbaugh, P. H. (1 V Ag Ed)	Leesville
Belcher, G. W. (2 Ag Engr)	Port Orchard, Wash.
Bell, C. B. (4 V Ag Ed)	Pinewood
Bell, J. W. (1 TE)*	New York, N. Y.
Bell, K. R. (2 A)	Lydia
Bellamy, O. H. (1 E)*	Florence
Belue, H. H. (2 ME)	Union
Berly, J. A. (3 EE)	Clemson
Berly, R. H. (2 EE)	Lexington
Berman, E. G. (2 TE)	Brooklyn, N. Y.
Bethea, J. O. (3 Ag Engr)	Darlington
Bettis, F. A. (1 E)*	Greenville
Beville, U. U. (1 Pre-Med)	Columbia
Bisher, E. P. (1 E)	Kingston, Pa.
Bishop, E. E. (3 Agr)	Campobello
Bishop, H. E. (1 TC)	Wellford
Bishop, J. C. (1 A)	Frogmore
Black, J. B. (1 TE)	Honea Path
Black, J. T. (1 V Ag Ed)	Leesville
Blair, A. E. (1 E)	Greenville
Blalock, J. D. (4 TE)	Enka, N. C.
Black, R. G. (3 CE)	Rock Hill
Blackmon, W. N. (3 ME)	Rock Hill
Blakely, E. (2 TE)	Abbeville
Blanton, O. H. (3 Agr)	Tabor City, N. C.
Boazman, E. R. (2 A)	Chappells
Bobrow, A. E. (4 D)	Brooklyn, N. Y.
Bodie, A. B. (2 EE)	Newberry
Boggs, P. N. (1 A)	Clemson
Bolt, I. P. (1 E)*	Anderson
Bonds, R. S. (2 EE)	Georgetown
Bonnette, G. H. (PG)	Florence
Booker, M. P. (PG)	Anderson
Boozer, H. W. (2 A)	Leesville
Boozer, J. S. (2 V Ag Ed)	Chappells
Boroni, H. L. (1 E)	Brooklyn, N. Y.

Name and Course	Address
Bosdell, F. A. (1 TE)	Greenwood
Bost, W. J. (3 EE)	Spartanburg
Bowen, R. R. (2 ME)	Greenville
Bowers, T. S. (4 D)	Leesville
Boyce, J. A. (4 TE)	Clinton
Boyd, F. H. (3 ME)	Greenville
Boykin, L. H. D. (2 A)	Boykin
Boykin, P. S. (3 ME)	Boykin
Boyles, J. C. (1 E)	Savannah, Ga.
Boylston, R. E. (2 TE)	Sumter
Bozard, J. D. (2 A)	Orangeburg
Brackett, G. D. (1 E)*	Rock Hill
Brackett, N. C. (2 Ar)	Pickens
Brackett, W. D. (4 EE)	Florence
Bradford, J. A. (1 TE)	Anderson
Brady, J. L. (4 TE)	Spartanburg
Branyon, H. E. (3 D)	Honea Path
Braswell, H. A. (3 ME)	Marion
Bratton, T. J. (3 V Ag Ed)	Gaffney
Brawley, J. R. (1 E)	Chester
Brawley, J. T. (1 E)	Chester
Bridges, J. M. (4 Agr)	Heath Springs
Bridwell, M. N. (1 TE)	Greenville
Broadwell, W. E. (4 TC)	Sumter
Broughton, W. C. (1 E)	Sumter
Brown, C. G. (3 D)	Anderson
Brown, C. L. (3 Ag Ec)	Anderson
Brown, G. W. (1 E)	Darlington
Brown, J. K. (3 Ch-Engr)	Travelers Rest
Brown, J. M. (2 GS)	Mountain Rest
Brown, J. S. (PG)	Clemson
Brown, J. W. (3 TE)	Greenville
Bruce, A. C. (2 CE)	Seneca
Brunetti, J. A. (4 ME)	Brooklyn, N. Y.
Brunson, J. F. (2 CE)	Fairfax
Bryant, I. W. (1 TE)*	Inman
Buchman, D. I. (1 E)	New York, N. Y.
Buck, C. E. (2 ME)*	Greenville
Bull, J. P. (1 E)	Santee
Burdette, H. Y. (2 EE)	Charleston
Burdette, J. H. (1 Ar)*	Piedmont
Burdette, L. W. (3 EE)	Greenville
Burley, L. D. (1 E)	Walhalla
Burley, M. M. (1 E)*	Spartanburg
Burnett, A. D. (3 Agr)	Sumter
Burnett, C. B. (3 TE)	Spartanburg
Burnett, W. C. (2 TE)	Langley
Burns, L. E. (2 EE)	Greenville
Bush, C. T. (2 ME)	Rock Hill
Bush, J. L. (1 E)*	Chapin
Butler, J. B. (1 Ar)	Greenville
Buttner, J. G. (4 EE)	Baltimore, Md.
Button, R. F. (1 E)*	Pittsview, Ala.
Butts, W. W. (1 E)	Walhalla
Caldwell, E. M. (1 A)*	Roebuck
Caldwell, V. B. (2 CE)	Blacksburg
Califf, J. W. (4 Ar)	Charleston
Califf, T. H. (2 Ch-Engr)	Charleston
Calhoun, J. D. (2 ME)	Ringgold, Ga.
Calhoun, J. R. C. (2 GS)	Dillon
Calvert, R. L. (3 TE)	Honea Path
Calvert, T. E. (1 A)	Honea Path
Cameron, F. B. (1 TE)*	Greenville
Camp, D. M. (3 AH)	Bakersfield, Cal.
Campbell, J. E. (3 Pre-Med)	Camden
Campbell, T. H. (2 GS)	Pendleton
Cannon, C. B. (1 E)*	Laurens
Cannon, H. T. (2 EE)*	Newberry
Cantrell, C. W. (3 ME)	Spartanburg
Cantrell, J. L. (1 TE)	Fort Mill
Capelle, C. D. (1 E)*	Clemson
Cappelmann, E. H. (2 ME)	Columbia
Carlisle, J. M. (1 Ar Engr)*	Bennettsville
Carnell, E. F. (2 A)	Union
Carpenter, W. L. (1 E)	Greenville
Carroll, C. W. (3 EE)	Navy Yard
Carson, A. B. (2 EE)	Greenville
Carson, J. E. (3 Pre-Med)	Spartanburg
Carter, J. H. (2 Ag Engr)	Newton, N. C.
Carter, M. J. (3 Agr)	Timmonsville
Cartwright, F. R. (2 GS)	Yonges Island
Cartwright, T. C. (3 AH)	York
Carver, A. B. (1 E)	Lockhart
Carwile, A. B. (3 Ag Engr)	Abbeville
Cary, T. C. (3 GS)	Honea Path
Castles, D. F. (1 E)	Winnsboro
Cathey, R. T. (4 ME)	Canton, N. C.
Cato, L. F. (2 A)	Monetta
Caughman, K. G. (2 ME)	Elizabeth, N. J.
Caughman, R. B. (4 ME)	Columbia
Caughman, W. D. (4 EE)	Columbia
Cauthen, V. W. (1 E)	Greenville
Chadwick, J. W. (4 ME)	Saluda
Chalker, A. L. (1 E)	South Orange, N. J.
Chalker, D. F. (2 CE)	South Orange, N. J.
Chalmers, J. F. (2 TE)	Honea Path
Champion, C. O. (2 ME)	Shelby, N. C.
Champion, J. C. (1 E)	Shelby, N. C.
Chandler, E. T. (2 V Ag Ed)	Olanta
Chandler, R. E. (4 TE)	Darlington
Chaplin, J. F. (2 A)	Myrtle Beach
Chaplin, P. C. (2 Ag Engr)	Hartsville
Chapman, W. H. (1 E)	Piedmont
Chapman, W. O. (1 E)	Liberty
Chappell, P. C. (3 GS)	Columbia
Chastain, F. H. (3 V Ag Ed)	Pickens
Chastain, J. D. (1 Pre-Med)*	Taylors
Chastain, R. C. (2 V Ag Ed)	Pickens
Chastain, W. B. (2 ME)	Pickens
Cheney, J. P. (2 EE)	Manlius, N. Y
Childers, W. J. (1 TE)*	York
Christenberry, R. E. (2 TE)*	Greenville
Christenberry, T. E. (PG)	Pendleton
Clancy, J. P. (1 TC)*	Lancaster
Clark, J. R. (3 TE)	Walhalla
Clayton, L. A. (1 TE)*	Greer
Clayton, W. T. (2 A)	Central
Clegg, J. M. (1 A)	Ridgeland
Clemens, J. C. (2 Ar)	Clemson
Clemmer, R. H. (2 A)	Ridgeland
Clinkscales, H. S. (1 V Ag Ed)*	Starr
Cochran, A. L. (1 E)	Clemson
Cochran, W. R. (1 E)	Clemson
Cockfield, T. A. (2 CE)	Scranton
Cockrell, C. T. (2 TE)	Clemson
Cole, C. C. (1 Ar)*	Greenville
Coleman, A. B. (2 A)	Anderson
Coleman, H. A. (4 ME)	Mount Pleasant
Coleman, R. W. (2 ME)	Chester
Coleman, T. E. (1 E)	Mountville
Collings, T. A. (1 Pre-Med)*	Clemson
Compton, B. O. (2 I Ed)	Greenwood
Connor, J. E. (4 GS)	Smoaks
Connor, J. M. (2 CE)	Columbia
Conyers, J. L. (3 Agr)	Cartersville, Ga.
Cook, C. C. (2 EE)	Prosperity
Cook, J. H. (1 TE)	Travelers Rest
Cook, W. H. (2 A)	Bartow, Fla.
Cooper, H. M. (1 E)	Greenville
Cooper, J. L. (3 Ch-Engr)	Greenville
Cooper, J. W. (2 Ar Engr)	Spartanburg
Cope, J. H. (2 A)	Cop
Corker, R. P. (2 ME)	Springfield
Corley, E. L. (1 V Ag Ed)	Salud
Corley, J. E. (1 V Ag Ed)	Lexington
Corley, L. P. (1 TE)	Harrison, N. Y
Cornwell, M. M. (1 E)	Fort Myers, Fla
Corry, D. S. (2 ME)	Gaffney
Cothran, C. D. (1 Pre-Med)*	Greenville
Cothran, R. F. (1 E)	Mannin
Coursey, J. T. (1 Ar Engr)*	Charlotte, N. C
Cousins, C. E. (2 A)	Newberry
Covington, T. A. (3 V Ag Ed)	Norwa
Cowan, D. E. (1 TE)*	Abbevil
Cox, F. L. (1 A)*	Smyrna, Ga
Cox, G. H. (1 E)*	Easle

Name and Course	Address
Coyle, H. B. (1 TE)	Gaffney
Craig, J. E. (2 A)	Salem
Crandall, H. E. (3 ME)	Clemson
Crapps, W. D. (4 Ag Ec)	Leesville
Crawford, H. O. (2 A)	Clemson
Crawford, J. H. (1 A)*	Clemson
Crawford, K. L. (PG)	Clemson
Crawford, L. A. (3 TE)	Goldville
Crawford, R. L. (2 ME)	Savannah, Ga.
Creel, G. R. (1 A)	Gretna, Va.
Crenshaw, C. L. (1 E)	Pendleton
Cromer, P. E. (1 E)	Anderson
Cross, D. E. (1 E)*	Georgetown
Crowe, R. N. (2 CE)	Greenwood
Crowther, F. H. (4 TE)	Clemson
Crowther, R. R. (3 TE)	Clemson
Croxton, L. S. (1 TC)	Kershaw
Crumpton, C. H. (2 TE)	Orangeburg
Cumbie, A. B. (4 CE)	Lyons, Ga.
Cunningham, J. W. (4 ME)	Duncan
Cureton, W. M. (1 Ar)	Union
Currence, W. F. (1 E)*	Asheville, N. C.
Cynamon, N. (1 A)	Brooklyn, N. Y.
Dacus, H. E. (1 E)*	Easley
Dalton, J. J. (2 EE)	Norris
Daly, J. A. (2 ME)	Charlotte, N. C.
Dargan, A. S. (2 ME)	Darlington
Davenport, F. S. (4 Ar Engr)	Greenville
Davis, D. (2 A)	Seneca
Davis, J. W. (4 TE)	Columbia
Davis, M. V. (1 E)*	Wedgefield
Davis, V. G. (1 E)	Greer
Davis, W. E. (1 E)	Ware Shoals
Davis, W. L. (1 E)	Easley
DeLorme, A. C. (4 Pre-Med)	Maplewood, N. J.
Denton, D. W. (1 E)	Decatur, Ga.
Derrick, B. M. (2 TE)	Irmo
DesChamps, W. P. (2 EE)	Bishopville
DeVore, F. W. (3 ME)	Ninety Six
Dibble, A. J. (3 Hort)	Orangeburg
Dibble, L. M. (2 EE)	Orangeburg
Dickerson, R. R .(3 ME)	Spartanburg
Dilfield, R. E. (1 E)*	Newport News, Va.
Dillard, C. R. (1 V Ag Ed)	Seneca
Dillard, T. W. (4 V Ag Ed)	Liberty
Dixon, L. F. (2 TE)	Greenville
Dobbins, T. L. (4 Ag Engr)	Townville
Doyle, C. B. (1 GS)	Anderson
Dreher, F. E. (4 I Ed)	West Columbia
Driggers, E. P. (1 E)	Greenville
Driver, B. (1 E)	Westminster
Droze, W. H. (1 TE)*	Charleston
DuBose, R. C. (2 A)	Lamar
Duffie, H. Z. (3 Ag Engr)	Saluda
Dugan, J. D. (1 E)*	Easley
Dukes, W. F. (2 Pre-Med)	Branchville
Duncan, B. A. (1 TE)*	Six Mile
Duncan, J. D. (1 A)	Loris
Duncan, M. L. (1 E)*	Blacksburg
Duncan, R. F. (1 E)	Charleston
Dusenberry, G. R. (PG)*	Due West
Dwyer, J. F. (2 ME)	Columbus, Miss.
Eargle, V. H. (2 EE)	Leesville
Earle, H. U. (3 EE)	Walhalla
Earle, J. R. (2 GS)	Walhalla
Eberhart, H. C. (2 GS)	Anderson
Edens, J. A. (2 TE)	Summerton
Edens, M. B. (3 D)	Pickens
Elfert, C. G. (1 E)	Labadieville, La.
Ellis, J. W. (1 E)	Columbia
Elrod, C. V. (2 TE)	Central
Elrod, M. C. (1 TE)	Piedmont
Emanuel, C. M. (3 V Ag Ed)	Rembert
Emanuel, F. C. (2 A)	Rembert
Emerson, J. H. (2 Ch-Engr)	Atlanta, Ga.
English, D. D. (1 TE)*	Anderson
Epps, S. (2 TE)	Fort Mill

Name and Course	Address
Ervin, J. M. (4 Pre-Med)	Darlington
Eskew, T. E. (1 TE)*	Gaffney
Eskridge, W. (1 E)*	Cheraw
Espieg, K. H. (1 TE)*	Anderson
Espieg, W. E. (1 TE)*	Anderson
Eubanks, L. (1 TE)	Graniteville
Euwer, D. B. (2 EE)	Greenville
Evans, J. G. (2 Pre-Med)	Pendleton
Evans, J. R. (1 E)	Anderson
Evans, W. C. (1 Pre-Med)	Clemson
Eve, P. F. (1 E)*	Beaufort
Exum, C. P. (3 Ar)	Sumter
Faile, B. M. (2 V Ag Ed)	Kershaw
Fairey, T. B. (1 E)*	Orangeburg
Falkner, I. L. (1 E)	Camp LeJeune, N. C.
Fant, C. H. (3 Agr)	Anderson
Fant, M. A. (3 GS)	Anderson
Farah, A. D. (3 I Ed)	Whitmire
Farah, C. E. (3 ME)	Whitmire
Faris, L. W. (1 TE)	Greenville
Farmer, R. E. (2 Ar)	Anderson
Farrell, J. G. (3 TE)	Drayton
Farris, W. E. (1 E)*	Rock Hill
Fassbender, W. F. (1 E)	Red Springs, N. C.
Fellers, R. H. (2 Ar)	Newberry
Fendley, J. E. (1 E)	Westminster
Fernandez, M. (3 Ag Engr)	Alajuela, C. R.
Fields, L. (1 V Ag Ed)	Lamar
Fincher, G. L. (2 V Ag Ed)	Lynchburg
Finney, R. P. (1 Pre-Med)	Newberry
Flemming, W. R. (2 A)	Gable
Fleu, F. W. (4 GS)	Pikeville, Ky.
Flowers, H. S. (2 ME)	Sumter
Floyd, L. O. (4 EE)	Scranton
Folk, D. D. (3 Ar Engr)	Greenville
Font, J. A. (3 CE)	Santurce, P. R.
Ford, J. M. (4 CE)	Clover
Foster, J. S. (1 Ar Engr)*	Mount Pleasant, Tenn.
Foster, P. F. (1 TE)	Woodruff
Fowler, H. W. (2 EE)	Union
Fowler, W. C. (1 Ar)	Columbia
Franks, W. H. (3 ME)	Laurens
Fraser, W. T. (1 TE)	Greenville
Frazer, S. M. (2 A)	Chester
Free, J. W. (4 GS)	Jonesville
Freeman, B. L. (3 Ar Engr)	Anderson
Freeman, F. W. (4 ME)	Charleston
Friday, J. B. (3 Ch-Engr)	Charleston
Frierson, M. (2 EE)	Bishopville
Fritts, G. H. (PG)	Lenoir City, Tenn.
Frye, R. S. (2 ME)*	Atlanta, Ga.
Gaines, H. P. (1 E)*	Honea Path
Gaines, J. R. (1 TE)	Liberty
Gallivan, H. F. (1 E)*	Greenville
Galloway, T. H. (1 TE)*	Pelzer
Galloway, T. L. (1 A)	Darlington
Galway, J. E. W. (3 CE)	Greenville
Gambrell, F. M. (1 A)*	Pendleton
Gardner, J. E. (1 E)	Goldville
Garner, R. L. (2 TE)	Union
Garraux, J. H. (3 ME)	Greenville
Garren, M. H. (1 E)	Greenville
Garrett, J. L. (1 E)	Belton
Garrett, J. P. (2 GS)	Greenville
Garvin, N. E. (3 TE)	Concord, N. C.
Gaulden, D. H. (2 ME)	Rock Hill
Gault, W. J. (1 E)	Shelby, N. C.
Gee, G. (4 AH)	Charlottesville, Va.
Geer, W. F. (1 E)	Anderson
Gercken, L. D. (2 ME)	Charleston
Gerritsen, B. H. (1 E)	Anderson
Gettys, R. A. (1 E)*	Rock Hill
Gignilliat, W. W. (3 Ch-Engr)	Macon, Ga.
Gilbert, J. W. (1 E)	Greenville
Gilbert, M. D. (1 E)*	Campobello
Gillespie, F. I. (2 EE)	Tams, W. Va.
Gillespie, J. W. (2 C)	Walhalla

Name and Course	Address
Gilpin, A. T. (1 E)	Chester
Gilreath, J. H. (2 ME)	Greenville
Gladden, T. W. (2 V Ag Ed)	Lowrys
Glenn, B. F. (2 CE)	Anderson
Glenn, C. H. (2 TE)	Greenville
Glenn, G. A. (2 TE)	Fair Play
Godwin, C. V. (1 E)	Lynchburg
Godwin, W. Y. (2 ME)	Summerton
Goethe, R. N. (4 ME)	N. Charleston
Goforth, C. C. (2 V Ag Ed)	Gaffney
Goodman, J. R. (4 CE)	Clemson
Goodman, J. S. (2 EE)	Clemson
Goodman, M. R. (3 TE)	Rock Hill
Goodwin, W. T. (1 E)	Spartanburg
Graham, T. H. (2 TE)	Scranton
Gramling, A. C. (2 V Ag Ed)	Orangeburg
Gramling, C. S. (1 E)*	Orangeburg
Graves, J. E. (2 Pre-Med)	Pageland
Graves, L. E. (1 A)	Myrtle Beach
Gray, J. R. (1 Ar)	Anderson
Gray, J. T. (3 Ar Engr)	Greenville
Gray, W. J. (2 A)	Savannah, Ga.
Green, G. W. (1 GS)	Greenville
Greene, C. R. (1 E)*	Newry
Greene, E. H. (2 TE)	Greenwood
Greer, T. M. (3 EE)	Greer
Greer, W. M. (PG)	Greenville
Gregg, W. B. (1 E)*	Kingstree
Gregory, J. N. (1 E)	Greenville
Gregory, J. T. (2 CE)	Union
Gregory, W. C. (1 Ar)	Chesnee
Greyard, W. B. (4 TE)	Greenville
Griffin, D. H. (1 E)	Saluda
Griggs, G. W. (1 E)	Society Hill
Grigsby, R. L. (3 V Ag Ed)	Saluda
Guest, F. K. (2 Ch-Engr)	Taylors
Gulledge, C. J. (2 A)	Wedgefield
Gulledge, C. N. (1 V Ag Ed)*	Mount Croghan
Gulledge, L. M. (1 A)	Wedgefield
Gunnels, W. F. (3 EE)	Aiken
Haddon, C. J. (1 TE)*	Greenwood
Haggerty, A. L. (1 E)	Tucapau
Hair, C. A. (2 Ar Engr)	Fairfax
Hair, T. L. (1 TE)	Anderson
Hall, R. A. (2 V Ag Ed)	Camden
Hammett, R. H. (1 TC)*	Walhalla
Hammond, A. F. (1 E)*	Florence
Hammond, J. W. (4 ME)	Williamston
Hamrick, R. Y. (1 E)	Boiling Springs, N. C.
Hamrick, W. L. (3 TE)	Gaffney
Hance, L. H. (4 TE)	Lancaster
Hancock, R. B. (2 V Ag Ed)	Ruby
Hand, R. B. (2 CE)	Florence
Hanvey, E. A. (2 CE)	McCormick
Hanvey, W. H. (3 V Ag Ed)	McCormick
Hardaway, H. M. (1 E)*	Dillon
Hargrove, R. C. (2 I Ed)	Miami, Fla.
Harley, J. P. (1 A)	Trenton
Harper, F. G. (2 CE)	Anderson
Harrell, W. R. (1 Pre-Med)	Westminster
Harrill, B. H. (2 ME)	Bennettsville
Harris, D. D. (2 ME)	Laurens
Harris, G. M. (2 ME)	Taylors
Harris, K. A. (1 E)	Gaffney
Harrison, F. H. (2 ME)	Columbia
Harrison, H. H. (1 E)	Greenville
Hatfield, H. B. (2 Ch-Engr)	Sumter
Hawkins, J. W. (4 EE)	Greenwood
Hawthorne, R. F. (2 ME)	Due West
Hay, D. E. (3 Ag Engr)	Johns Island
Hay, E. G. (1 E)	Charleston
Hay, S. L. (2 A)	Johns Island
Hayden, J. (1 A)	Charlotte, N. C.
Heaton, C. E. (1 TE)*	Piedmont
Hedden, J. P. (4 CE)	Walhalla
Hendrick, H. L. (3 CE)	Conway
Hendrix, J. L. (1 E)	Anderson
Hendrix, R. C. (2 TE)	Greenville
Henry, A. M. (4 GS)	Clemson
Herber, H. H. (2 ME)	Bethlehem, Pa.
Herd, L. O. (1 E)	Piedmont
Herlong, P. B. (2 V Ag Ed)	Johnston
Herndon, H. L. (1 A)	Ehrhardt
Herns, C. K. (3 ME)	Charleston
Hester, J. P. (1 E)	Taylors
Heustess, J. C. (1 Pre-Med)*	Winnsboro
Hicklin, C. T. (1 E)	Edgemoor
Hicklin, R. M. (2 TE)	Richburg
Hicks, F. C. (2 A)	Central
Hiers, J. C. (4 D)	Hopkins
Higdon, R. J. (1 A)	Gay, N. C.
Higgins, C. R. (3 TE)	Easley
Hill, C. B. (3 TE)	Fountain Inn
Hill, J. D. (1 E)*	Sanford, N. C.
Hinnant, R. O. (1 V Ag Ed)*	Andrews
Hix, E. L. (1 Pre-Med)	Rock Hill
Hogan, J. D. (2 EE)	Columbia
Hoke, H. R. (1 E)	Newton, N. C.
Holcombe, C. W. (1 E)*	Greenville
Holcombe, M. E. (4 EE)	Central
Holcombe, W. G. (1 E)	Greenville
Holden, R. M. (1 E)	Clemson
Holland, M. (2 EE)	Hartwell, Ga.
Hollembeak, H. A. (2 ME)	Greenville
Holliday, C. A. (1 V Ag Ed)	Liberty
Holliday, L. E. (1 Pre-Med)	Manning
Hollingsworth, A. W. (2 GS)	Greenwood
Hollingsworth, H. G. (3 I Ed)	Great Falls
Hollingsworth, J. C. (2 V Ag Ed)	Troy
Hollis, E. J. (1 TE)	Chester
Holroyd, W. T. (2 CE)	Anderson
Honeycutt, R. G. (1 E)	Marion, N. C.
Hooker, B. A. (3 EE)	Greenville
Hopkins, B. R. (2 Ar)	Richland Springs, Tex.
Hopkins, J. (1 E)	Greenville
Hopkins, J. V. (1 TE)*	Fort Mill
Hopper, J. E. (4 V Ag Ed)	Dillard, Ga.
Howard, C. C. (1 A)*	Pickens
Howell, J. R. (1 A)	Thomaston, Ga.
Howell, L. C. (4 AH)	Georgetown
Hubbard, E. B. (3 ME)	Sumter
Hucks, C. B. (1 E)*	Savannah, Ga.
Huff, O. F. (1 Ag Engr)*	Branchville
Hughes, F. E. (1 E)	Charlotte, N. C.
Hughey, H. D. (2 EE)	Greer
Huiett, G. E. (2 Ar Engr)	Trenton
Hull, P. D. (1 I Ed)	Westminster
Hungerpiller, J. E. (3 ME)	College Park, Ga.
Hunnicutt, J. A. (1 Ar Engr)	Greenville
Hunsuck, S. E. (3 C)	Whitney
Hunter, J. E. (2 EE)	Columbia
Hunter, J. R. (4 TE)	Lancaster
Hunter, R. W. (1 E)	Pendleton
Hurst, F. M. (4 Ed)	Anderson
Hutchings, J. M. (1 E)	Norwood, Ohio
Hutto, F. B. (3 C)	Jacksonville, Fla.
Iler, H. B. (2 TE)	Greenville
Imershein, R. E. (2 ME)	Woodmere, N. Y.
Ingram, C. H. (2 ME)	Hartsville
Iturralde, G. A. (3 ME)	Guantanamo, Cuba
Ivester, J. A. (4 EE)	Greenville
Ivey, J. W. (2 EE)	Spartanburg
Ivey, S. A. (2 ME)	Western Springs, Ill.
Ix, F. W. (1 TE)	Charlottesville, Va.
Ix, J. A. (1 TE)	Charlottesville, Va.
Jackson, F. (3 TE)	Mount Holly, N. C.
Jackson, R. N. (2 Ar Engr)	Anderson
Jacobs, J. C. (1 TE)	Greenville
Jacques, J. R. (2 CE)	Ware Shoals
James, H. W. (1 E)	Union
James, L. W. (1 A)	Anderson
Jameson, D. M. (1 E)	Greenville
Jeffords, C. M. (3 ME)	Spartanburg

Name and Course	Address
Jeffords, L. G. (1 E)*	Timmonsville
Jenkins, A. J. (1 E)	San Ramon, C. R.
Jenkins, D. M. (2 EE)	Union
Jenkins, R. F. (1 E)	Charleston
Jenkins, W. H. (1 E)	Westminster
Jeter, A. P. (2 Pre-Med)	Rock Hill
Jeter, J. H. (1 E)	Rock Hill
Johns, E. M. (1 TE)*	Spartanburg
Johnson, A. B. (1 E)	Spartanburg
Johnson, H. C. (4 ME)	Trenton
Johnson, H. E. (1 TE)	Greenville
Johnson, J. R. (1 TE)	Greenville
Johnson, R. O. (2 EE)	Whitmire
Johnson, T. D. (2 EE)	Newberry
Johnson, W. D. (2 Pre-Med)	Florence
Johnson, W. E. (1 Pre-Med)	West Hartford, Conn.
Jolley, J. D. (3 TE)	Anderson
Jones, A. R. (3 EE)	Mt. Sterling, Ill.
Jones, E. E. (2 Pre-Med)	Salley
Jones, F. K. (2 TE)	Newberry
Jones, H. R. (2 TE)	Gastonia, N. C.
Jones, J. D. (1 E)	Taylors
Jones, O. B. (1 E)*	Greenville
Jones, W. S. (4 Ag Engr)	Kershaw
Josey, H. A. (4 TE)	Anderson
Joye, C. M. (4 TE)	Columbia
Joye, W. L. (1 E)	Thomasville, Ga.
Kay, H. B. (3 Agr)	Easley
Keller, J. L. (1 E)	Greenville
Kelly, B. N. (2 A)	Union
Kelly, J. W. (1 Ar)	Anderson
Kelly, W. D. (1 Ag Engr)	Leesville
Kelly, Z. K. (1 TE)	Pelzer
Kelsey, W. B. (1 TC)*	Chester
Kennedy, H. R. (2 CE)	Union
Kennerly, D. A. (3 Ag Ec)	Cordova
Kennerly, W. C. (3 Hort)	Johns Island
Ketchum, W. J. (4 Ch-Engr)	Savannah, Ga.
Key, C. H. (2 A)	Warrenville
Kilgo, R. A. (2 Ar)	Laurens
Kinard, J. A. (1 E)*	N. Charleston
King, J. L. (3 ME)	Clemson
King, R. H. (2 TE)	Lancaster
Kirby, D. H. (2 EE)	Lynchburg
Kirkpatrick, H. H. (2 Ed)	Martelle, Iowa
Kirven, L. E. (1 Pre-Med)	Pinewood
Kivett, R. G. (1 E)	Greenville
Klugh, A. M. (4 GS)	Anderson
Knight, E. L. (1 C)*	Andrews
Knight, L. L. (2 TE)	Drayton
Kratzer, B. E. (4 EE)	Bethlehem, Pa.
La Frage, J. L. (1 E)	Fort Mill
Lake, W. H. (2 ME)	Walhalla
Landgraf, L. P. (1 E)*	Panama City, Fla.
Landrith, H. F. (1 GS)	Seneca
Lane, V. K. (1 E)	Lake City
Lanford, R. F. (1 E)*	Woodruff
Lange, R. P. (3 ME)	Greenville
Langford, J. W. (1 E)	Ridgeland
Langford, T. H. (2 Ed)	Furman
Langston, C. E. (2 V Ag Ed)	Timmonsville
Latham, W. F. (1 TE)	Iva
Laycock, R. D. (2 TC)	Houston, Texas
League, F. M. (1 TE)	Easley
League, J. A. (1 E)	Piedmont
Lee, J. A. (2 Ar Engr)	Greenwood
Lee, J. E. (3 ME)	Greenville
Leonard, H. B. (2 Ar)	Columbia
Leslie, G. S. (1 E)	Newberry
Lester, H. W. (3 ME)	Spartanburg
Levite, A. I. (3 Pre-Med)	Miami Beach, Fla.
Lewis, L. L. (1 V Ag Ed)	Leesville
Lewis, R. D. (2 Ar)	Spartanburg
Lewis, R. S. (1 E)	Washington, D. C.
Lewis, V. E. (1 E)	Spartanburg
Lewis, W. B. (1 TE)	Easley
Lewis, W. H. (1 E)*	Pickens

Name and Course	Address
Lillard, R. A. (3 Ar)	Spartanburg
Lindler, R. E. (4 V Ag Ed)	Chapin
Lindsay, M. D. (2 TE)	Clemson
Lindsey, J. R. (2 V Ag Ed)*	Omega, Ga.
Lindstedt, G. W. (2 EE)	Holly Hill
Lineberger, T. E. (1 E)*	Greenville
Little, C. A. (1 Pre-Med)	Atlanta, Ga.
Little, J. O. (1 E)	Anderson
Little, L. W. (1 Ag Engr)	Newberry
Littlejohn, J. J. (1 E)*	Spartanburg
Littleton, H. E. (PG)	Salem
Locke, J. D. (1 E)	Taylors
Loftis, C. E. (1 E)*	Pickens
Lofton, A. M. (1 A)	McClellanville
Lollis, H. E. (1 E)	Taylors
Long, J. C. (1 E)	Greenville
Long, Raymond E. (1 E)	Greenville
Long, Roy E. (4 GS)	Greenwood
Looper, P. J. (1 E)*	Pickens
Looper, L. B. (3 V Ag Ed)	Dacusville
Loupo, M. W. (2 Ag Engr)	Lake View
Love, R. L. (1 V Ag Ed)	Hendersonville, N. C.
Lowder, C. E. (2 V Ag Ed)	Turbeville
Lowder, H. M. (3 V Ag Ed)	Turbeville
Lucius, F. C. (2 CE)	West Palm Beach, Fla.
Lucius, H. (2 Ag Engr)	Dillon
Lund, C. M. (1 Ag Engr)	Columbia
Lund, S. (1 A)	Exeland, Wis.
Lyle, J. W. (PG)	Richburg
Lyles, J. F. (1 A)	Winnsboro
Lynch, R. B. (2 I Ed)	Charleston
Lynes, J. M. (PG)	Easley
Lyons, J. L. (2 EE)	Ridgeland
Lytle, B. E. (3 ME)	Fort Mill
McAlister, M. F. (1 E)	Abbeville
McCarey, G. H. (1 GS)	Tallahassee, Fla.
McCarthy, W. O. (1 E)	Memphis, Tenn.
McClain, W. F. (1 E)*	Honea Path
McClure, H. C. (2 Ag Engr)	Chesnee
McConnell, F. M. (1 E)	Seneca
McConnell, J. E. (1 E)	Seneca
McCown, W. E. (3 EE)	Anderson
McCoy, B. J. (1 Ar Engr)	Belton
McCreary, J. R. (3 Ar)	Aiken
McCulloch, J. T. (3 Ar)	Charlotte, N. C.
McDonald, J. B. (4 TE)	Bolton, Ga.
McElveen, J. T. (3 ME)	Springfield
McElveen, J. V. (4 Ag Ec)	Washington, D. C.
McGowan, W. S. (2 CE)*	Abbeville
McGuire, H. N. (2 Pre-Med)	Clemson
McGuirt, H. V. (1 TE)	Fort Mill
McIlwain, E. T. (3 Ch-Engr & TC)	Atlanta, Ga.
McIlwain, J. H. (3 ME)	Lancaster
McKee, L. O. (2 TE)	Woodruff
McKeown, B. L. (2 TE)	Lancaster
McKissick, A. F. (2 TE)	Greenville
McKissick, E. S. (1 TE)	Greenville
McKnight, W. G. (1 Pre-Med)	North Charleston
McMahon, J. W. (1 TE)*	Greenville
McMillan, C. M. (2 ME)	Mullins
McMillan, H. C. (1 Ar Engr)*	Spartanburg
McNeely, B. M. (2 ME)	Mooresville, N. C.
McRae, W. E. (1 E)	Bennettsville
Mackay, J. R. (2 ME)	Orangeburg
Mahon, F. W. (4 ME)	Greenville
Mallard, J. P. (2 EE)	Sumter
Mangan, D. J. (1 E)*	Springfield, Mo.
Marett, J. D. (1 V Ag Ed)*	Greenville
Martin, C. A. (1 E)	Lancaster
Martin, C. B. (1 E)*	Greenville
Martin, R. F. (3 Ag Engr)	Greenville
Martin, W. E. (1 E)	Greenville
Martin, W. P. (4 ME)	Columbia

Name and Course	Address
Mason, R. H. (1 V Ag Ed)	Pacolet Mills
Massey, L. M. (4 EE)	Fort Mill
Meares, J. M. (2 Ar)	Nichols
Merck, E. W. (1 E)	Central
Merck, L. J. (1 A)*	Central
Merritt, C. F. (4 TE)	Piedmont
Metz, W. W. (1 E)*	Iva
Mickle, P. C. (1 TE)*	Rock Hill
Miles, J. A. (1 Ar)	Moncks Corner
Miles, W. L. (1 V Ag Ed)	Coward
Millen, R. M. (2 EE)	Richburg
Miller, B. M. (1 E)	Easley
Miller, H. M. (1 TE)	Chester
Miller, O. (3 Hort)	Wagener
Miller, T. D. (2 TE)	Chester
Miller, W. H. (4 EE)	Waterloo
Mills, V. R. (2 TE)	Forest City, N. C.
Mims, J. A. (1 E)	Florence
Mims, T. V. (1 TE)*	Talladega, Ala.
Minick, D. L. (1 E)	Prosperity
Minor, W. L. (1 E)	Greenwood
Mitcham, P. T. (1 TE)	Thomaston, Ga.
Mitchell, C. E. (2 ME)	Toccoa, Ga.
Mitchell, W. M. (1 E)*	Kings Creek
Mitchum, B. W. (1 V Ag Ed)	Smoaks
Mixon, J. L. (1 A)	Aiken
Moisson, G. M. (1 TC)	Greenville
Moisson, W. C. (1 I Ed)	Greenville
Moore, J. H. (1 GS)*	Sandy Springs
Moore, L. H. (2 V Ag Ed)	York
Moore, U. B. (1 TE)*	La France
Moore, W. A. (4 ME)	La France
Moorer, J. M. (3 I Ed)	Navy Yard
Morgan, J. P. (1 TE)*	Great Falls
Morris, A. R. (2 ME)	Olar
Morris, L. S. (2 TE)	Olar
Morris, R. D. (2 EE)	Anderson
Moss, A. A. (2 CE)	Greenville
Moss, E. M. (1 E)	Seneca
Mosteller, G. W. (1 E)	Greer
Mosteller, J. E. (1 E)	Gaffney
Muller, G. F. (4 Hort)	Blythewood
Mullikin, R. A. (2 TE)	Williamston
Murchison, C. A. (4 Pre-Med)	Anderson
Murphree, J. E. (1 E)	West Union
Murray, J. O. (4 GS)	**Navy Yard**
Nelson, E. C. (4 Ent)	Columbia
Nelson, F. T. (1 TE)	Florence
Nelson, P. A. (1 E)*	Fountain Inn
Nesius, J. M. (2 TC)	Utica, N. Y.
Neves, J. A. (1 A)*	Taylors
Newton, D. (3 EE)	Bennettsville
Nichols, C. M. (2 EE)	Leesville
Nicholson, B. R. (2 A)	Clayton, Ga.
Nickles, H. C. (2 ME)	Donalds
Nooe, L. A. (3 EE)	Ridgeway
Norris, R. E. (2 V Ag Ed)	Conway
Norton, J. P. (1 E)*	Pickens
Nunn, W. B. (3 Pre-Med)	Andrews
Nunnery, E. W. (4 Ag Ec)	Great Falls
Nuttall, A. (2 ME)	Cedartown, Ga.
O'Rourke, J. C. (1 Ar Engr)	Greenville
Osborne, E. L. B. (4 GS)	Hardeeville
Ousley, W. K. (3 ME)	Salisbury
Ouzts, J. E. (1 E)	Callison
Owen, W. H. (4 ME)	Rock Hill
Owens, D. (1 TE)	Greenville
Owings, W. D. (1 E)	Greenwood
Ownby, J. C. (2 C)	Newport, Tenn.
Padget, A. D. (1 E)	Saluda
Padgett, H. R. (1 A)	Walterboro
Padgett, W. M. (1 E)*	Smoaks
Parker, C. V. (2 ME)	Norris
Parker, J. H. (1 E)	Norris
Parker, J. W. (1 E)	Camden
Parker, M. W. (1 E)	Elloree
Parker, W. C. (2 CE)	Hendersonville, N. C.
Parkman, H. D. (2 V Ag Ed)	Saluda

Name and Course	Address
Parr, C. B. (4 D)	Newberry
Parris, C. A. (4 EE)	Blacksburg
Parrish, C. E. (2 TE)	Cedartown, Ga.
Partin, E. D. (1 E)*	Camden
Pate, H. R. (2 Ag Engr)	Cassatt
Patrick, W. M. (3 CE)	Ruffin
Patterson, I. N. (1 E)*	Clemson
Patterson, J. V. (1 TE)*	Clemson
Payne, R. T. (1 E)	Charlotte, N. C.
Paysinger, S. B. (2 ME)	Ninety Six
Peake, T. H. (4 Ch-Engr)	Union
Pearson, W. D. (1 Ag Engr)	Woodruff
Pedrosa, C. (4 Pre-Med)	San Juan, P. R.
Peebles, D. L. (1 V Ag Ed)*	Hampton, Va.
Peek, J. M. (2 CE)	Blacksburg
Pennington, S. D. (3 ME)	Atlanta, Ga.
Perrell, D. C. (1 E)	Winston-Salem, N. C.
Perrin, N. M. (2 CE)*	Greenville
Perry, J. M. (3 TE)	Charlotte, N. C.
Perry, S. L. (2 Pre-Med)	Calhoun
Peschl, F. C. (3 GS)	Hendersonville, N. C.
Petros, P. M. (2 Pre-Med)	Mullins
Pfersich, F. A. (S)*	Greenville
Phillips, A. F. (3 ME)	Charlotte, N. C.
Phillips, C. D. (1 E)	Slater
Phillips, R. M. (2 TE)	Glenn Springs
Phillos, N. (1 E)	Greenville
Pinson, C. B. (2 GS)	Greenwood
Pitts, H. F. (3 EE)	Clinton
Pitts, W. M. (4 CE)	Camden
Platt, L. E. (2 V Ag Ed)	Meggett
Player, C. B. (1 A)	Bishopville
Poole, A. C. (2 Ar Engr)	Enoree
Poole, J. L. (2 Ar)	Asheville
Poole, R. C. (3 TE)	Woodruff
Poole, T. B. (1 TE)	Clemson
Porter, W. M. (2 ME)	Charlotte, N. C.
Potter, J. R. (3 CE)	Spartanburg
Powell, H. B. (1 E)	Spartanburg
Presher, C. H. (4 ME)	Anderson
Price, J. T. (1 E)	Sta
Prince, C. B. (3 EE)	Fair Forest
Province, P. J. (1 E)	Chattanooga, Tenn.
Pruitt, L. G. (2 TE)	Anderson
Puckett, L. O. (2 TE)	Charlotte, N. C.
Puette, C. A. (PG)	Pauline
Pusser, L. W. (1 TE)	Chesterfield
Quinn, D. W. (3 TE)	Pelzer
Quinn, J. M. (1 TE)	Inman
Quinn, W. A. (2 TE)	Pelzer
Quinn, W. S. (2 TE)	Pelzer
Rabey, D. W. (3 ME)	Savannah, Ga.
Rader, D. H. (4 ME)	Columbia
Raines, W. M. (1 Ar)	Taylors
Rambke, D. W. (2 EE)	Charleston
Ramsey, F. C. (2 TE)	Gaffney
Rankin, H. W. (3 V Ag Ed)	Allendale
Rash, M. C. (1 Pre-Med)	Lockhart
Ravenel, W. F. (2 ME)	Sanford, Fla.
Rawson, R. (4 ME)	Beaufort
Ray, D. M. (1 TE)	Fountain Inn
Ray, H. E. R. (2 TE)	O
Reames, D. L. (2 I Ed)	Bishopville
Reece, P. J. (3 ME)	Pickens
Reed, H. M. (3 EE)	Panama City, Fla.
Reese, J. E. (3 GS)	Columbia
Reeves, E. R. (2 GS)	Branchville
Reeves, F. M. (2 CE)	Ridgeway
Reid, J. R. (1 E)	Sumter
Rentz, L. B. (4 Ag Ec)	Clemson
Revels, R. V. (2 TE)	Pineville, N. C.
Rheney, J. W. (3 Pre-Med)	Spartanburg
Rhodes, L. M. (PG)	Darlington
Rhyne, F. L. (1 TE)	Gastonia, N. C.
Rice, A. A. (1 Ar)	Anderson
Rice, D. D. (2 TE)	Anderson
Rice, R. J. (1 TE)	Anderson
Richbourg, B. F. (1 E)	Summerton

ame and Course	Address
ichbourg, R. M. (4 V Ag Ed)	Camden
ichey, B. C. (1 A)	Pelzer
iddle, H. J. (1 Ar)*	Spartanburg
idgeway, R. F. (4 ME)	Greenville
ikard, L. L. (1 V Ag Ed)	Gilbert
inehart, M. L. (1 E)*	Leesville
iser, C. W. (1 E)*	Lexington
itchie, P. L. (4 C)	Greenville
ivers, C. F. (1 Pre-Med)	Tillman
ivers, J. D. (1 E)	Chesterfield
obertson, E. F. (1 E)	Acworth, Ga.
obinette, J. Z. (3 ME)	Pacolet
obinson, A. B. (3 GS)	Easley
obinson, G. P. (3 TE)	Lancaster
obinson, W. A. (2 GS)	Easley
obinson, W. H. (2 GS)	Anderson
ochester, D. P. (2 V Ag Ed)	Salem
ochester, R. M. (1 E)	Walhalla
ochester, W. F. (1 E)	Walhalla
odgers, J. S. (2 A)	Anderson
ogers, D. D. (2 EE)	Blenheim
ogers, H. V. (2 A)*	Cowpens
ogers, J. M. (2 Pre-Med)	Roebuck
osamond, H. P. (1 E)	Greenville
osenburg, P. H. (4 EE)	Abbeville
osenkrans, D. B. (3 Agr)	Clemson
oss, A. R. (1 E)*	Greenville
oss, B. B. (1 E)	Greer
oss, J. G. (2 EE)	Newberry
oss, P. B. (2 EE)	Sumter
udd, O. K. (3 ME)	Savannah, Ga.
uddock, W. O. (4 TE)	Kings Mountain, N. C.
umler, E. C. (1 TE)	Easley
ush, C. W. (4 V Ag Ed)	Greenwood
ushton, S. E. (1 E)*	Greer
ussell, J. S. (3 EE)	Washington, D. C.
ussell, S. T. (1 Ag Engr)	Jamestown
alley, D. C. (4 ME)	Saluda, N. C.
ample, B. F. (1 E)	Saluda, S. C.
anders, C. B. (1 E)*	Anderson
anders, C. W. (2 A)	Charleston
anders, T. B. (4 ME)	Dahlonega, Ga.
anders, W. D. (2 ME)	Anderson
aylors, A. E. (1 TE)	Ninety Six
cales, C. W. (2 EE)	Greenville
chrader, E. D. (1 E)*	Spartanburg
chrader, M. W. (1 E)*	Spartanburg
chumacher, S. (3 CE)	Walhalla
cott, C. M. (PG)	Union
cott, E. B. (2 EE)	Marion
cott, W. W. (2 ME)	Holly Hill
eaborn, K. K. (1 E)*	Walhalla
eaborn, R. M. (1 E)*	Walhalla
eacord, J. E. (3 TE)	Greenville
eaman, J. C. (3 ME)	Greenville
ears, W. B. (1 TE)*	Clemson
edberry, B. R. (1 Ar)	Hartsville
eddon, F. (1 A)	Boston, Mass.
elf, R. C. (1 TE)	Greenville
ellers, C. L. (1 V Ag Ed)*	Mount Croghan
enn, L. H. (3 Ent)	Newberry
eyle, F. W. (4 GS)	Savannah, Ga.
eadwell, H. C. (1 E)	Columbia
eanks, J. (1 Pre-Med)	Pikesville, Md.
earp, D. C. (2 A)	Allendale
eaw, J. H. (3 EE)	Cartersville
eealy, L. H. (2 CE)	Batesburg
eely, J. E. (1 TE)	Little Mountain
eelley, L. B. (1 A)*	Nichols
eelor, D. R. (1 E)	Greenville
eelton, G. F. (2 ME)	Navy Yard
eepard, J. R. (3 Ar)	Washington, D. C.
eerer, L. D. (2 Ar)	Greenville
eerriff, R. F. (3 TC)	Pendleton
eipman, J. H. (1 E)	Augusta, Ga.
eirer, J. H. (2 Ag Engr)	Elloree
eirley, J. W. (4 C)	Ware Shoals

Name and Course	Address
Shook, F. D. (1 TE)	Spartanburg
Shuford, W. Q. (1 E)*	Kings Creek
Sibley, M. E. (2 TE)	Milledgeville, Ga.
Simmons, F. L. (1 E)	Clio
Simons, H. M. (4 Hort)	Summerville
Simpson, H. E. (2 ME)	Greenville
Simpson, J. G. (1 Ar)*	Chattanooga, Tenn.
Simpson, J. I. (1 Ar Engr)	Piedmont
Simpson, J. J. (1 GS)	Anderson
Simpson, M. W. (2 ME)	Williamston
Sims, D. E. (1 E)	Lynchburg
Sinclair, C. W. (4 TE)	Greenville
Singleton, J. J. (1 V Ag Ed)	Westminster
Skinner, C. F. (1 E)*	Woodruff
Skinner, C. R. (3 V Ag Ed)	Mayesville
Skinner, N. W. (3 EE)	Greenville
Skinner, P. B. (1 E)	Ware Shoals
Skinner, S. H. (1 E)	Woodruff
Sloan, P. H. (2 EE)	Walhalla
Sloan, W. A. (1 Ar)*	Anderson
Smarr, A. W. (1 E)	Hickory Grove
Smith, B. B. (3 GS)	Charlotte, N. C.
Smith, C. R. (3 Ch-Engr)	Rock Hill
Smith, C. T. (PG)	Columbia
Smith, H. (1 Pre-Med)*	Easley
Smith, H. E. (1 E)	Dover, N. C.
Smith, H. M. (1 C)	Rock Hill
Smith, H. Z. (3 Ag Ec)	Anniston, Ala.
Smith, James A. (2 A)	Mullins
Smith, John A. (4 ME)	San Juan, P. R.
Smith, J. C. (1 E)	Easley
Smith, J. D. (2 Ar)	Union
Smith, J. W. (1 TE)	Greenwood
Smith, M. C. (1 V Ag Ed)	East Point, Ga.
Smith, M. M. (3 V Ag Ed)	Anderson
Smith, N. V. (2 TE)	Greer
Smith, P. M. (4 Hort)	Greenville
Smith, R. C. (2 TE)	Spartanburg
Smith, R. E. (1 E)	Liberty
Smith, S. C. (3 V Ag Ed)	Madison
Smithwick, W. A. (2 A)	Chester
Smoak, A. L. (3 V Ag Ed)	Smoaks
Smoyver, E. (4 CE)	Brooklyn, N. Y.
Sosa, D. (3 ME)	Clemson
Sosa, F. (2 TE)	Clemson
Sparks, E. G. (1 TE)	Pacolet Mills
Spearman, J. E. (2 TC)	Chattanooga, Tenn.
Spearman, J. T. (1 TE)	Piedmont
Spearman, W. C. (3 D)	Charlotte, N. C.
Speck, R. L. (3 EE)	Charlotte, N. C.
Sperry, C. B. (1 Pre-Med)*	Spartanburg
Sperry, C. J. (3 EE)	Spartanburg
Spiner, D. R. (1 TE)*	Tampa, Fla.
Spivey, E. P. (3 Hort)	Loris
Stallworth, W. H. (2 Ch-Engr)	Spartanburg
Stamey, J. M. (1 E)*	Hartwell, Ga.
Stanek, B. J. (2 A)	Lykesland
Stanley, H. G. (1 A)*	Walhalla
Starnes, W. H. (1 E)	Salley
Stathakis, A. J. (3 I Ed)	Chester
Stegall, W. C. (2 ME)	West Union
Stephens, W. K. (2 CE)	Canton, N. C.
Stephens, W. M. (2 ME)	Abbeville
Stewart, A. R. N. (4 ME)	Woodward
Stewart, C. B. (4 Ch-Engr)	Woodruff
Stewart, C. D. (1 E)*	Clemson
Stewart, J. R. (1 E)*	Clemson
Storey, W. A. (4 EE & ME)	Greenville
Stradley, C. D. (2 EE)	Greenville
Strange, R. H. (2 ME)	Sumter
Strasser, W. V. (4 Ar)	Louisville, Ky.
Strom, J. G. (1 TE)	McCormick
Stroud, L. E. (2 A)	Richburg
Stuart, E. D. (2 Pre-Med)	Coronaca
Stukes, O. L. (1 Pre-Med)*	Manning
Sturgis, W. I. (2 Ag Engr)	Rock Hill
Suddeth, J. A. (3 Ind Phy)	Clinton
Suhr, G. F. (3 Ch-Engr)	Augusta, Ga.

Name and Course	Address
Sullivan, M. W. (2 A)	Laurens
Sullivan, W. J. (1 Ag Engr)	Walhalla
Sultis, J. E. (2 CE)	Beaumont, Tex.
Summer, O. R. (3 CE)	Newberry
Summey, J. C. (1 Ar)*	Clemson
Surrett, J. L. (1 E)*	Central
Swink, R. B. (2 EE)	Anderson
Taylor, H. D. (1 A)	Greenville
Terrell, W. L. (4 ME)	Jacksonville, Fla.
Tewkesbury, P. (2 EE)	Aiken
Theodore, G. A. (3 EE)	Spartanburg
Thies, K. E. (2 TE)	Charlotte, N. C.
Thomas, C. E. (1 E)	White Hall
Thomas, E. L. (3 ME)	Rock Hill
Thomas, J. R. (3 AH)	Dacusville
Thomas, R. T. (1 ME)*	Houston, Tex.
Thompson, C. C. (2 ME)	Columbia
Thompson, G. A. (1 E)*	Sumter
Thompson, H. E. (1 TE)	Honea Path
Thompson, J. C. (1 TC)*	Honea Path
Thompson, J. D. (1 E)	Greenville
Thompson, J. W. (2 Ar Engr)	Williston
Thompson, L. W. (2 TE)	Spartanburg
Thompson, O. N. (2 CE)	Columbia
Thrailkill, W. E. (2 EE)	Saluda
Tomlin, R. H. (1 E)	Walhalla
Toms, R. B. (4 TE)	Iva
Townsend, R. E. (1 TE)	Laurens
Traylor, M. H. (2 CE)	Ridgeway
Traylor, W. R. (1 A)	Ridgeway
Trotti, L. H. (2 A)	Chesterfield
Trowbridge, F. R. (4 Ch-Engr)	Aiken
Truett, R. C. (3 V Ag Ed)	Timmonsville
Turner, H. B. (4 TE)	Forest, Va.
Turner, J. H. (1 Ar)*	Pacolet
Turner, J. T. (1 E)	Winnsboro
Turner, J. W. (1 E)	Albany, Ga.
Turner, R. R. (1 GS)	Mission, Tex.
Turner, W. B. (1 E)*	Blacksburg
Twiggs, H. C. (3 C)	Saluda, N. C.
Uldrick, G. E. (1 E)	Donalds
Valley, C. J. (3 Pre-Med)	Pickens
Van Ausdal, R. K. (4 ME)	Dayton, Ohio
Van Wart, R. E. (4 ME)	Manasquan, N. J.
Vaughan, C. C. (2 Ag Engr)	Jonesville
Vaughn, E. M. (1 E)	Greenwood
Verdin, J. K. (1 A)*	Greenville
Vermillion, R. J. (1 E)*	Ware Shoals
Vernon, R. J. (1 E)*	Greenville
Villepigue, H. Y. (3 ME)	Camden
Waits, J. K. (4 TC)	Goldville
Wald, E. C. (2 TE)	Seneca
Waldmann, B. W. (2 CE)	Charleston
Walker, D. W. (3 TE)	Anderson
Walker, H. E. (2 Pre-Med)	Anderson
Walker, W. R. (1 GS)*	Fort Mill
Wall, H. A. (3 V Ag Ed)	Moncks Corner
Wallace, O. L. (2 A)	Dillon
Wallace, T. E. (3 Agr)	Bennettsville
Walton, J. R. (1 E)	Johnston
Ward, A. G. (1 TC)	Greenville
Ware, G. D. (1 E)	Iva
Ware, W. T. (1 E)	Iva
Warnhoff, E. H. (4 Ent)	Alexandria, Va.
Warren, W. F. (1 Pre-Med)*	Charleston
Warrington, H. I. (2 ME)	Moorestown, N. J.
Washington, W. M. (4 TE)	Honea Path
Watkins, J. M. (2 EE)	Greenwood
Watson, A. I. (1 E)*	Greenville
Watson, C. K. (1 A)	Clemson
Watson, C. V. (3 EE)	Spartanburg
Watson, H. J. (3 Ind Phy)	Charleston
Watson, J. D. (4 V Ag Ed)	Blaney
Watson, R. O. (2 Pre-Med)	Blaney
Weaver, A. E. (4 ME)	Jacksonville, Fla.
Weaver, C. (2 GS)	Timmonsville
Webb, C. (1 E)	Beaufort
Webb, J. E. (4 EE)	Bishopville
Webster, J. W. (2 TE)	Greenville
Weekley, C. W. (1 Ar Engr)	Mobile, Ala.
Weimortz, E. D. (3 Agr)	Williston
Weisner, L. E. (1 E)*	Laurens
Welborn, J. W. (4 C)	Union
Welch, J. H. (3 EE)	Florence
Wells, J. W. (2 Ar Engr)	Gaffney
Westervelt, J. I. (3 ME)	Greenville
Westmoreland, R. N. (1 E)*	Charlotte, N. C.
Wheeler, C. D. (2 EE)	Augusta, Ga.
Whisnant, W. L. (3 ME & TE)	Charlotte, N. C.
White, L. W. (1 E)*	Easley
White, P. J. (1 TE)*	Greenville
Whitmire, H. B. (2 TE)	Westminster
Whitmire, T. M. (1 V Ag Ed)	Salem
Whittaker, W. E. (1 E)	Anderson
Wiggins, R. H. (4 CE)	Little Rock
Wigington, J. T. (2 EE)	Clemson
Wilburn, G. C. (2 EE)	Tillman
Wilk, J. P. (2 Ar)	East Port Chester, Conn.
Wilkerson, F. M. (1 GS)	Hickory Grove
Wilkes, L. H. (2 Ag Engr)	Winnsboro
Wilkins, G. H. (1 Pre-Med)*	Blacksburg
Wilkins, J. B. (1 A)	Gaffney
Willey, R. B. (2 TE)	Greenville
Williams, A. E. (3 TE)	Anderson
Williams, C. E. (3 CE)	Rock Hill
Williams, C. L. (2 C)	Baltimore, Md.
Williams, G. E. (2 CE)	Orangeburg
Williams, L. F. (3 V Ag Ed)	Woodleaf, N. C.
Williams, N. B. (1 A)*	Dacusville
Williams, R. O. (3 AH)	Greshams
Williams, R. R. (1 V Ag Ed)	Swansea
Williams, W. C. (1 E)*	Centenary
Williams, Y. E. (3 V Ag Ed)	Wagener
Williamson, C. A. (1 E)*	Donalds
Williamson, M. E. (3 Agr)	Donalds
Wilson, H. G. (3 Agr)	Wellford
Wilson, J. (1 E)	Anderson
Wilson, J. K. (1 Pre-Med)	Wellford
Wilson, M. E. (3 CE)	Newberry
Wilson, R. P. (2 TE)	Chesterfield
Wilson, W. F. (1 E)	Greensboro, N. C.
Wilson, W. L. (1 Ed)	Williamston
Wilson, W. N. (2 ME)	Williamston
Winburn, J. D. (2 V Ag Ed)	Hartsville
Windsor, J. E. (1 E)*	Ronda, N. C.
Wise, F. M. (1 A)*	Trenton
Wise, P. B. (2 V Ag Ed)	Trenton
Withington, C. C. (2 TE)*	Greenville
Wood, A. K. (4 TE)	Pierce, Idaho
Wood, W. A. (1 E)	Greenwood
Wood, W. H. (1 E)	Gray Court
Woodcock, F. E. (1 A)*	Pelzer
Woodson, W. W. (2 EE)	Centenary
Workman, A. C. (4 GS)	Clinton
Workman, J. N. (3 Pre-Med)	McCormick
Wright, E. P. (4 AH)	Seneca
Wright, G. C. (2 EE)	Seneca
Wright, H. G. (2 EE)	Sharon
Wright, S. P. (2 V Ag Ed)	Bishopville
Wylie, D. C. (4 AH)	Winnsboro
Yarborough, D. R. (1 TE)*	York
Yeargin, G. A. (1 Ar)	Anderson
Young, E. R. (1 TE)*	Honea Path
Young, F. M. (4 ME)	Fairfax
Zeigler, J. T. (2 CE)	Cheraw
Zuver, M. P. (2 V Ag Ed)	Clemson

†SUPPLEMENTARY LIST OF STUDENTS, SECOND TERM, SUMMER SEMESTER, 1946

Name and Course	Address
Abbott, L. H. (1 GS)	Seneca
Ackerman, R. E. (1 Pre-Med)*	Moncks Corner
Adair, J. L. (2 A)	Clinton
Alexander, O. (2 V Ag Ed)	Central
Allen, F. M. (3 GS)	Central
Allen, G. A. (1 A)	Franklin, Tenn.
Anderson, D. G. (1 E)*	Miami, Fla.
Anderson, R. (3 TE)	Greenville
Attaway, H. B. (1 A)	Beaufort
Austell, J. C. (4 TE)	Blacksburg
Bailey, W. H. (1 GS)*	Erwin, Tenn.
Bailey, W. P. (2 Pre-Med)	Greenwood
Baldwin, C. M. (1 E)	Georgetown
Ballas, J. A. (4 ME)	Washington, D. C.
Banks, E. R. (2 CE)	Savannah, Ga.
Banks, J. J. (2 Ch-Engr)	Augusta, Ga.
Barker, R. E. (1 GS)*	Conway
Barksdale, C. D. (1 E)	Spartanburg
Barton, P. H. (3 ME)	Travelers Rest
Bell, J. D. (2 EE)	Navy Yard
Belue, R. O. (4 ME)	Union
Bennett, T. P. (2 ME)	Milford, Del.
Bevis, J. H. (2 EE)	Charleston
Black, H. N. (2 Ag Engr)	Ruffin
Blair, A. F. (2 ME)	Blair
Blair, P. C. (1 E)	Pikeville, Ky.
Bland, J. P. (2 ME)	Johnston
Boliver, T. E. (2 ME)	Columbia
Boyd, W. S. (2 Pre-Med)	Salters
Bradfield, I. E. (2 Pre-Med)	LaGrange, Ga.
Bradford, F. P. (2 Ag Engr)	Sumter
Bradley, R. C. (2 TE)	Greenville
Brady, H. G. (4 TE)	Columbia
Brantly, R. S. (1 E)*	Charleston
Brisendine, R. S. (1 TE)	East Point, Ga.
Brodie, B. M. (1 A)*	Aiken
Brown, H. E. (2 TE)	Greenville
Bruce, L. L. (1 GS)*	Erwin, Tenn.
Bryans, W. B. (3 CE)	Dublin, Ga.
Buchanan, L. H. (3 TE)	Marietta
Buck, H. S. (2 C)	Edgemoor
Buie, P. D. (3 I Ed)	Denmark
Bundy, E. W. (1 TC)*	Erwin, Tenn.
Burnett, J. W. (1 Ag Engr)*	McCormick
Byers, M. D. (2 I Ed)	Greenville
Cagle, M. E. (2 A)	Andrews
Calvert, L. (1 E)	Mount Holly, N. C.
Campbell, W. L. (1 TE)*	Greenville
Cardwell, J. C. (1 E)*	Lenoir City, Tenn.
Carlton, C. C. (2 TE)	Anderson
Carmichael, C. (2 Ag Engr)	Fork
Carson, C. E. (1 TE)*	Spartanburg
Casey, J. H. (1 TE)	Inman
Chamblee, C. D. (1 V Ag Ed)	Anderson
Cheatham, C. E. (3 Ar)	Greenville
Childers, W. G. (3 ME)	Cheraw
Clanton, R. M. (2 Pre-Med)	Darlington
Clarke, E. B. (1 TE)*	Erwin, Tenn.
Clark, W. D. (4 TE)	Lexington, N. C.
Cleveland, J. O. (2 TE)	Anderson
Cohen, P. B. (1 A)*	Waynesboro, Ga.
Coleman, G. L. (2 CE)	Travelers Rest
Coleman, G. M. (2 V Ag Ed)	Saluda
Collins, J. M. (2 ME)	Greenville
Connelly, J. G. (3 TE)	Morganton, N. C.
Cook, T. S. (1 Ed)*	Sumter
Corley, Edward J. (1 TE)*	Ninety Six
Corley, Ernest J. (3 V Ag Ed)	Lexington
Cox, A. C. (2 GS)	Dawson, Ga.
Cox, J. F. (2 ME)	Marion
Crawley, I. C. (2 TE)	Nebo, N. C.
Creech, E. R. (1 E)*	Spartanburg
Crowther, W. F. (PG)	Due West
Curtis, R. J. (1 TE)	Lexington, N. C.
Davenport, R. E. (3 Pre-Med)	Williamston
Davis, G. S. (2 TE)	Greenville
Davis, R. S. (2 ME)	Spencer, N. C.
Deal, S. B. (PG)	Callison
Deanhardt, L. C. (1 TE)*	Belton
Deanhardt, M. L. (1 TE)*	Belton
DeLoach, W. W. (1 TE)*	Columbia
Doar, H. F. (2 C)	Charleston
Doyle, O. H. (1 GS)*	Anderson
Drew, R. M. (2 GS)	Ridgeland
Drummond, H. L. (1 E)*	Ninety Six
Dunaway, T. W. (2 C)	Thomaston, Ga.
Dunlap, H. L. (2 ME)	Rock Hill
Dyer, C. A. (2 Ch-Engr)	Charleston
Edwards, D. C. (2 ME)	Fountain Inn
Ellis, C. W. (2 ME)	Estill
Ellison, J. R. (1 Ed)	Anderson
Elmore, G. F. (1 A)	Greer
Elms, D. F. (1 TE)	Fort Mill
Embler, E. D. (1 TE)*	Anderson
Engel, H. A. (4 TE)	Charleston
Evans, E. G. (3 Pre-Med)	Pendleton
Evans, J. S. (3 Ag Engr)	New Zion
Evans, J. W. (4 EE)	Kingstree
Farbstein, S. B. (4 Ch-Engr)	Beaufort
Faucett, J. W. (1 Pre-Med)*	Union
Ferguson, C. R. (1 E)*	Atlanta, Ga.
Fogarty, S. (4 CE)	Charleston
Foster, M. R. (1 V Ag Ed)*	Anderson
Freeman, E. W. (3 V Ag Ed)	Greenville
Frick, C. B. (2 TE)	Clifton
Gaddis, R. S. (1 Ar Engr)*	Taylors
Gage, R. (2 TE)	Anderson
Gainer, C. E. (1 Ed)	Lancaster
Garrison, A. F. (2 TC)	Hartwell, Ga.
Gillespie, R. L. (1Pre-Med)*	Tams, W. Va.
Glenn, J. N. (3 CE)	Clemson
Godwin, J. E. (2 V Ag Ed)	Johnsonville
Goodman, Jesse S. (2 CE)	Clemson
Gorman, F. (2 EE)	Greenville
Green, F. H. (1 E)*	Griffin, Ga.
Gresham, P. G. (1 TE)	Newport News, Va.
Grubb, C. W. (1 TE)	Salisbury, N. C.
Guess, J. F. (1 E)	Greenville
Hall, R. T. (4 TC)	Columbia
Hammond, E. W. (1 E)	Greenville
Handrahan, R. W. (1 GS)*	Hingham, Mass.
Harmon, C. H. (1 TE)*	Erwin, Tenn.
Harper, W. W. (1 TE)	Seneca
Healan, R. W. (1 Ar Engr)	Rock Hill
Helms, J. M. (3 GS)	Rock Hill
Hemphill, R. D. (4 ME)	Columbia
Hendley, D. L. (1 TE)*	Greenville
Hickerson, J. G. (2 EE)	Greensboro, N. C.
Hickson, E. L. (4 ME)	Cheraw
Hill, A. W. (2 EE)	Spartanburg
Hill, J. E. (4 AH)	Florence
Hogue, W. R. (2 GS)	Fort Mill
Holesa, P. (1 Ed)*	Mt. Union, Pa.
Holshouser, W. A. (1 GS)*	Erwin, Tenn.
Howell, C. C. (2 GS)	Troy, N. C.
Howell, C. R. (2 TE)	Greer
Howell, T. E. (3 AH)	Taylors

†Students enrolled for the second term who were not enrolled for the first term. In this st, students are classified according to their credits at the beginning of the second term; new udents admitted at the beginning of the second term are indicated by an asterisk(*).

Name and Course	Address
Hudson, B. E. (1 TE)	Greenville
Hunt, S. P. (2 V Ag Ed)	Fountain Inn
Hunter, W. H. (2 Pre-Med)	Greenville
Hurley, R. C. (1 Ar Engr)	Greenville
Hyder, J. D. (1 E)*	Anderson
Jackson, B. H. (4 C)	Greenville
Jackson, J. C. (1 Ed)	Camden
Jacobs, R. D. (1 A)*	Cheraw
Jenkins, W. R. (3 V Ag Ed)	Lenoir City, Tenn.
Jennings, C. T. (1 GS)*	Erwin, Tenn.
Jennings, J. W. (1 TE)*	Anderson
Johnston, J. M. (2 EE)	Greenville
Jones, A. L. (1 Ag Engr)	Saluda
Jones, J. H. (1 TC)*	Spartanburg
Jordan, R. B. (2 Pre-Med)	Columbia
Josey, W. E. (1 Ag Engr)	Anderson
Julien, R. A. (1 E)	Greenwood
Kennick, W. H. (2 A)	Chester
Kimman, J. W. (2 TE)	Fredericksburg, Va.
King, T. R. (4 Pre-Med)	McBee
King, W. B. (1 TE)*	Atlanta, Ga.
Kirkpatrick, M. H. (2 EE)	Clio
Kitchen, A. B. (3 ME)	Augusta, Ga.
Kleckley, J. W. (1 Ed)*	West Columbia
Koehler, K. B. (1 Ar Engr)	Louisville, Ky.
Lachicotte, G. P. (1 E)*	Pawleys Island
Leavell, C. W. (2 A)	Sumter
Lee, D. C. (4 TE)	Whitmire
LeFevre, L. B. (2 EE)	Augusta, Ga.
Levermann, G. A. (1 Ed)*	McAllen, Tex.
Lide, F. M. (4 ME)	Hartsville
Littlejohn, W. M. (4 TE)	Raleigh, N. C.
Lovett, W. G. (2 EE)	Orangeburg
Lowman, J. B. (4 TE)	Ballentine
Lumley, H. (3 EE)	Greenwood
McDaniel, V. G. (2 Pre-Med)	Bennettsville
McGinty, R. A. (2 ME)	Clemson
McGrew, C. W. (2 CE)	Dillon
McIntosh, T. J. (1 Pre-Med)*	Hartsville
McKagen, E. D. (1 E)	Charleston
McKinney, W. D. (1 E)	Greenville
McKinnon, C. L. (1 E)*	Cheraw
Mackenzie, M. B. (3 Ar)	Charleston
Maier, L. H. (2 GS)	Nutley, N. J.
Mandanis, G. P. (2 EE)	Spartanburg
Mann, J. G. (4 EE)	Greenville
Martin, J. C. (4 ME)	Cowpens
Martin, R. A. (2 Pre-Med)	Fort Mill
Martin, S. J. (2 TE)	Atlanta, Ga.
Martin, T. A. (1 E)	Griffin, Ga.
May, E. B. (2 TE)	Asheville, N. C.
Mercer, W. E. (1 E)	McClellanville
Miller, G. C. (2 TE)	Greenville
Miller, Jack R. (1 E)	Georgetown
Miller, James R. (2 V Ag Ed)	Erwin, Tenn.
Milne, G. C. (3 EE)	Columbia
Mimms, C. M. (4 V Ag Ed)	Elliott
Mims, W. Z. (4 ME)	Lamar
Mintz, J. M. (4 EE)	East Haven, Conn.
Mixon, J. A. (1 A)	Clemson
Moncrief, W. D. (1 GS)	East Tallassee, Ala.
Moore, S. D. (1 TE)	Hawthorne, N. J.
Morgan, L. V. (2 I Ed)	Albemarle, N. C.
Morgan, M. L. (2 GS)	Oakboro, N. C.
Mozingo, G. W. (2 TE)	Rock Hill
Murray, E. H. (4 ME)	Orangeburg
Nicholson, R. W. (2 Ar)	Orangeburg
Nims, K. G. (3 GS)	Fort Mill
Norris, F. K. (2 Ag Engr)	Eutawville
Norton, C. M. (3 C)	Estill
O'Dell, W. T. (3 V Ag Ed)	Easley
Owen, B. E. (1 I Ed)	Orangeburg
Padgett, S. M. (3 V Ag Ed)	Ruffin
Park, W. J. (2 A)	Greenwood
Parker, J. A. (3 TE)	Hartsville
Paysinger, R. B. (4 GS)	Ninety Six

Name and Course	Address
Perry, R. L. (3 ME)	Columbus, Ga.
Phillips, H. A. (3 Pre-Med)	Jesup, Ga.
Pickens, C. L. (2 TE)	Anderson
Pickens, R. E. L. (3 TE)	Greenwood
Price, J. R. (4 ME)	Buffalo
Pritchett, K. A. (1 Ed)*	Atlanta, Ga.
Pruitt, G. J. (2 TE)	Greer
Pruitt, J. R. (1 E)*	Anderson
Pulkinen, C. S. (1 E)	Charleston
Putnam, S. R. (3 Ar)	Greenville
Quattlebaum, V. K. (2 Ag Engr)	Williston
Raley, J. O. (4 Ar)	Bennettsville
Ramage, J. J. (1 Ed)*	East Point, Ga.
Reynolds, H. G. (2 Ar Engr)	Columbia
Rhodes, H. G. (3 Ag Engr)	Darlington
Richardson, S. S. (1 E)*	Sumter
Riddle, L. (1 Ed)	Greenville
Robinson, R. E. (2 TE)	Greer
Rogers, B. G. (2 Ag Engr)	Dillon
Rogers, W. B. (2 C)	Blackville
Roper, D. P. (1 Ed)	Spartanburg
Rosa, L. C. (2 Ar)	New York, N. Y.
Ross, T. F. (2 ME)	Greenville
Rowell, M. W. (1 A)*	Andrews
Salley, W. B. (1 GS)*	Orangeburg
Sanders, E. B. (4 Hort)	Ritter
Sanders, H. L. (1 GS)	Thomaston, Ga.
Schreiber, W. E. (4 ME)	Rockland, Mass.
Schwiers, A. B. (1 A)	Greenville
Sconyers, G. H. (1 Ed)*	East Point, Ga.
Scott, J. C. (1 TE)*	Columbia
Senn, C. J. (3 D)	Columbia
Shealy, R. N. (1 TE)*	Columbia
Shealy, W. L. (1 A)	Gilbert
Shillinglaw, J. R. (2 A)	Sharon
Shuman, C. M. (2 A)	Furman
Simpson, D. E. (1 E)	South Charleston, W. Va.
Smith, D. D. (1 E)*	Atlanta, Ga.
Smith, R. H. (1 E)*	Santurce, P. R.
Smith, S. W. (1 E)*	Greenville
Smith, W. N. (4 TE)	Greenville
Smithwick, M. A. (2 ME)	Chester
Sojourner, D. C. (3 ME)	St. Georg
Solas, J. F. (2 TE)	Greenville
Steel, W. F. (1 E)*	Orangeburg
Stewart, H. L. (1 Ar Engr)*	Six Mile
Stone, J. D. (1 TE)	Rock Hill
Stoudenmire, W. J. (4 I Ed)	Orangeburg
Stribling, B. H. (4 EE)	Clemson
Strickland, C. H. (2 A)	Oakboro, N. C
Stuck, W. M. (2 A)	Pomaria
Sublette, R. A. (2 TE)	Westminste
Suggs, A. M. (3 ME)	Clove
Sutker, K. (2 Ag Engr)	McCo
Taylor, R. E. (2 TC)*	Newberr
Taylor, R. F. (1 V Ag Ed)	Gilbe
Thomas, L. P. (4 EE)	Dacusvill
Thompson, G. C. (2 EE)	East Falls Church, V
Thompson, R. C. (1 Ed)*	Lyons, G
Thrailkill, J. C. (2 Pre-Med)	Salu
Timmons, C. M. (2 EE)	Greenvil
Tolbert, J. A. (2 ME)	Greenvil
Toomey, W. G. (1 Ag Engr)	Mount Holly, N.
Townes, J. H. (1 Ar Engr)*	Picke
Truesdale, G. G. (1 V Ag Ed)	Spencer, N.
Turner, V. L. (3 C)	Homewood, A
Vaughan, G. W. (1 TE)	Greenvi
Wade, J. D. (1 E)*	Lenoir City, Ten
Walker, G. H. (4 EE)	Clems
Walker, J. H. (2 TE)*	Griffin, G
Wallace, J. B. (2 EE)	Floren
Walser, J. F. (1 E)*	Salisbury, N.
Warrick, A. E. (1 E)*	Old Hickory, Ten
Waters, C. E. (1 A)*	Gainesville, G
Watkins, D. P. (3 Ar Engr)	Ander

Name and Course	Address
Watson, A. W. (1 E)	Easley
Watson, L. A. (1 TE)*	Anderson
West, J. R. (1 A)	Spartanburg
White, M. S. (1 E)	Charleston
White, R. W. (2 EE)	Greenwood
Whitmire, J. B. (1 Ed)	Griffin, Ga.
Wiggs, M. R. (2 A)	Fayetteville, N. C.
Williams, C. F. (2 EE)	Orangeburg
Williams, H. H. (2 ME)	Orangeburg
Williams, R. N. (1 V Ag Ed)	Spartanburg
Willis, A. (1 TE)*	Chicopee, Ga.
Wilson, M. C. (1 E)	Darlington
Wood, J. C. (2 ME)	Chester
Woodward, A. Q. (2 C)	Aiken
Woodward, K. T. (4 Pre-Med)	Denmark
Wynn, C. T. (1 TE)*	Anderson
Yarbrough, J. R. (1 Ar Engr)	Salisbury, N. C.
Yonce, J. E. (3 A)	Johnston
Young, J. N. (3 Ag Ec)	Florence

NUMBER OF STUDENTS MAJORING IN EACH CURRICULUM

1946 SUMMER SEMESTER

Classification	Agriculture	Agricultural Engineering	Chemistry	Architecture or Architectural Engineering	Engineering (unclassified)	Chemistry-Engineering	Civil Engineering	Electrical Engineering	Mechanical Engineering	General Science	Industrial Physics	Pre-Medical	Textile Engineering	Textile Chemistry and Dyeing	Vocational Agricultural Education	Education	Industrial Education	Postgraduate	Special	Enrollment by Classes
Senior	21	2	4	5		5	8	20	38	12	0	6	27	3	8	1	2			162
Junior	34	8	5	11		6	13	25	43	11	2	11	29	2	24	0	4			228
Sophomore	52	21	8	23		7	37	67	72	19	0	22	77	5	31	2	6			449
Freshman	57	12	2	34	291	0	0	0	0	22	0	28	113	11	29	15	4			618
Post Graduate																		19		19
Special																			2	2
Total	164	43	19	73	291	18	58	112	153	64	2	67	246	21	92	18	16	19	2	1478

ENROLLMENT BY COUNTIES AND STATES

1946 SUMMER SEMESTER

County	*Total*
Abbeville	18
Aiken	16
Allendale	4
Anderson	127
Bamberg	7
Barnwell	3
Beaufort	7
Berkeley	4
Calhoun	0
Charleston	44
Cherokee	19
Chester	24
Chesterfield	14
Clarendon	11
Colleton	12
Darlington	23
Dillon	9
Dorchester	2
Edgefield	9
Fairfield	11
Florence	24
Georgetown	10
Greenville	183
Greenwood	40
Hampton	4
Horry	10
Jasper	8
Kershaw	15
Lancaster	12
Laurens	21
Lee	16
Lexington	21
McCormick	6
Marion	10
Marlboro	11
Newberry	28
Oconee	67
Orangeburg	33
Pickens	95
Richland	39
Saluda	15
Spartanburg	81
Sumter	24
Union	21
Williamsburg	4
York	44
South Carolina Total	1206

State or Country	*Total*
Alabama	6
California	1
Connecticut	3
Costa Rica	3
Cuba	1
Delaware	1
District of Columbia	5
Florida	15
Georgia	72
Illinois	3
Iowa	1
Kentucky	4
Louisiana	1
Maryland	3
Massachusetts	3
Mississippi	1
Missouri	1
New Jersey	8
New York	13
North Carolina	73
Ohio	3
Pennsylvania	5
Puerto Rico	4
South Carolina	1206
Tennessee	20
Texas	5
Virginia	12
Washington	1
West Virginia	3
Wisconsin	1
Grand Total	1478

LIST OF STUDENTS, FIRST SEMESTER, 1946-1947

The names are arranged in alphabetical order and following the names are symbols indicating classes and courses.

The abbreviations following the numerals refer to the student's major course: A-Agriculture (unclassified as to major course), Ag Ec-Agricultural Economics, Agron-Agronomy, AH-Animal Husbandry, Bot-Botany, Dairy-Dairy, Ent-Entomology, Hort-Horticulture, Poul-Poultry, Ag En-Agricultural Engineering, Pre-For-Pre-Forestry; A&S-Arts and Science, GS-General Science, Ind Phys-Industrial Physics, Pre-Med-Pre-Medicine; Chem-Chemistry; E-Engineering (unclassified as to major course, but the abbreviation following the "E" indicates a preliminary choice of major course), Arch-Architecture, Ar En-Architectural Engineering, Ch En-Chemical Engineering, Ch-En-Chemistry Engineering, CE-Civil Engineering, EE-Electrical Engineering, ME-Mechanical Engineering; T-Textiles (unclassified as to major course, but the abbreviation following the "T" indicates a preliminary choice of major course), TC-Textile Chemistry, TE-Textile Engineering, TM-Textile Manufacturing; VAE-Vocational Agricultural Education, Ed-Education, Ind Ed-Industrial Education.

New students admitted in September, 1946, are indicated by an asterisk (*).

me and Course	Address
ott, J. M. (1 E-CE)	Walhalla
rcrombie, H. O. (1 E-ME)*	Central
rnethy, E. E. (4 TE)	Charlotte, N. C.
ams, A. E. (1 T-TM)*	Ware Shoals
ams, I. E. (2 TM)	Greenville
er, D. K. (1 E-ME)*	Belton
erman, R. E. (1 Pre-Med)	Moncks Corner
erman, T. D. (1 E-ME)*	North Charleston
erman, W. N. (2 ME)	Moncks Corner
ir, J. L. (2 A)	Clinton
ams, B. R. (1 T-TM)*	La France
ams, E. B. (2 Ag En)	Edgefield
ams, G. L. (2 ME)	Spartanburg
ams, J. H. (2 CE)	Greenville
ams, L. G. (2 Arch)	Seneca
is, L. G. (1 E-ME)*	Walhalla
ison, J. K. (2 EE)	Cottageville
kes, H. F. (1 Pre-Med)*	York
uilar, J. E. (2 Arch)	Alajuela, C. R.
en, C. B. (1 E-ME)	Pickens
en, D. A. (1 T)	Winnsboro
en, M. (1 E-EE)*	Nimmons
nar, C. S. (2 Pre-Med)	Beaufort
ergotti, W. G. (4 CE)	Columbia
xander, E. R. (1 E-EE)	Columbia
xander, J. F. (2 A)	Anderson
xander, J. S. (4 Hort)	Seneca
xander, O. (2 VAE)	Central
xander, R. D. (1 Arch)	Fairforest
xander, W. R. (1 VAE)	Bishopville
ord, W. E. (1 Pre-For)	Charleston
en, C. G. (1 E-Ag En)*	Latta
en, C. R. (1 E-EE)	Latta
en, F. M. (3 GS)	Central
en, G. A. (1 A)	Franklin, Tenn.
en, H. F. (1 E-EE)	Latta
en, J. L. (4 GS)	Pacolet Mills
en, O. L. (2 EE)	Walhalla
en, Roland L. (1 E-ME)*	Greenville
en, Roy L. (4 Ag Ec)	Rock Hill
ison, R. L. (4 VAE)	Pauline
man, A. C. (1 A)*	Galivants Ferry
arez, W. G. (2 TE)	Greenville
een, W. O. (1 Ar En)*	Winnsboro
lerson, C. P. (2 TM)	Lexington
lerson, D. G. (1 E-Ch En)	Miami, Fla.

Name and Course	Address
Anderson, G. W. (3 ME)	Gastonia, N. C.
Anderson, J. B. (3 TE)	Fairforest
Anderson, J. H. (1 Ar En)*	Chester
Anderson, L. P. (1 A)	Nichols
Anderson, M. H. (2 CE)	Greenville
Anderson, N. C. (3 AH)	Abbeville
Anderson, N. S. (3 TE)	Piedmont
Anderson, R. (3 TE)	Greenville
Anderson, W. F. (4 A&S)	Ninety Six
Andrea, F. W. (2 CE)	Greer
Andrea, J. A. (4 CE)	Greer
Andreuzzi, F. C. (4 ME)	Hazleton, Pa.
Andrews, L. R. (1 E-Ag En)*	Elliott
Andrews, L. V. (2 TM)	Cedartown, Ga.
Andrews, W. P. (1 E-ME)	Greenville
Andrews, W. T. (1 E-ME)*	Greenville
Antonopoulos, J. J. (2 A&S)	North Augusta
Archer, C. L. (3 GS)	Anderson
Armour, T. S. (4 EE)	Eastover
Armstrong, C. D. (2 ME)	Pineville, N. C.
Armstrong, J. W. (4 CE)	Laurens
Armstrong, L. W. (1 E-ME)	Charleston
Arnette, J. H. (2 Ag En)	Loris
Arnette, W. J. (1 T-TM)	Winnsboro
Arnold, D. A. (1 Arch)*	McColl
Arnold, H. H. (2 TM)	Woodruff
Arnold, J. J. (1 E-Ag En)*	Seneca
Arrington, J. D. (1 E-Ag En)*	Ninety Six
Arthur, H. T. (1 E-TE)*	Bristol, Tenn.
Ash, E. R. (1 E-ME)*	Greenville
Ashley, G. H. (2 ME)	Ware Shoals
Ashley, J. (2 A)	Ellenton
Ashley, J. B. (1 E-EE)*	Donalds
Ashley, R. L. (2 EE)	Honea Path
Ashley, W. E. (2 TM)	Donalds
Ashley, W. M. (1 T-TM)	Anderson
Ashley, W. T. (1 Pre-Med)*	Pikeville, Ky.
Ashmore, J. P. (2 CE)	Greenville
Ashmore, R. C. (1 E-Ch En)*	Greenville
Ashmore, V. L. (3 CE)	Greenville
Askey, M. M. (2 A)	North Augusta
Askins, S. E. (1 E-Ch En)*	Kingstree
Asnip, G. (1 E-ME)*	Greenville
Astley, A. F. (1 T)	Swannanoa, N. C.
Atkins, W. G. (1 T-TM)*	Anderson
Atkins, W. R. (1 A)	Hamer
Atkinson, A. A. (4 VAE)	Gresham

Name and Course	Address
Atkinson, W. D. (2 A)	Mullins
Attaway, H. B. (1 A)	Beaufort
Aughtry, J. E. (2 TM)	Lyman
Aughtry, P. C. (4 ME)	Charlotte, N. C.
Aull, G. H. (4 ME)	Clemson
Austell, J. C. (4 TE)	Blacksburg
Austin, J. N. (2 EE)	Laurens
Austin, W. F. (2 A&S)	Seneca
Aycock, E. R. (1 T-TM)*	Greenville
Ayers, J. F. (3 ME)	Greenville
Baggott, B. H. (2 ME)	Columbia
Bagwell, C. E. (2 EE)	Spartanburg
Bailey, B. D. (1 E-EE)	Heath Springs
Bailey, C. W. (4 EE)	Spartanburg
Bailey, D. H. (2 EE)	Cowpens
Bailey, F. A. (3 ME)	Charleston
Bailey, G. T. (1 E-TE)	Greenville
Bailey, J. N. (3 EE)	Greenwood
Bailey, R. B. (S)	Clemson
Bailey, T. W. (1 E-CE)*	Summerville
Bailey, W. P. (2 Pre-Med)	Greenwood
Bair, R. H. (1 E-ME)*	Cordova
Baird, R. L. (1 A)	Darlington
Baker, E. R. (1 E-ME)*	Great Falls
Baker, G. H. (1 VAE)	Cades
Baker, L. K. (1 Pre-Med)	Sumter
Baker, M. H. (2 A)	Mullins
Baker, W. S. (4 TE)	Greenville
Baldwin, C. M. (2 CE)	Georgetown
Baldwin, M. C. (3 EE)	Orangeburg
Balentine, E. H. (3 CE)	Greenwood
Balfour, G. G. (1 Arch)	Orlando, Fla.
Ball, S. E. (1 T-TM)	Greenville
Ball, W. L. (2 ME)	Laurens
Ballard, W. L. (2 ME)	Charleston
Ballas, J. A. (4 ME)	Washington, D. C.
Ballenger, A. P. (2 EE)	Taylors
Ballentine, C. M. (1 A&S)*	Anderson
Ballew, C. B. (1 E-CE)*	Liberty
Ballew, H. M. (S)	Greenville
Ballew, W. C. (1 T-TM)	Easley
Bankhead, T. E. (1 E-CE)	Sharon
Banks, A. J. (1 E-EE)*	St. Matthews
Banks, D. H. (2 Ind Phys)	St. Matthews
Banks, E. R. (2 CE)	Savannah, Ga.
Banks, J. J. (2 Ch En)	Augusta, Ga.
Barber, B. P. (1 E-ME)*	Columbia
Barbie, T. F. (1 A)	Hartsville
Barfield, D. A. (2 VAE)	Kershaw
Barfield, W. M. (1 E-ME)*	Sumter
Barker, H. V. (1 E-ME)*	Seneca
Barker, J. S. (4 Ent)	Westminster
Barker, R. E. (1 A&S)	Conway
Barker, V. R. (1 E-Ag En)*	Allendale
Barker, W. C. (1 Ed)*	Walhalla
Barksdale, C. D. (1 A&S)	Spartanburg
Barnes, G. T. (1 A&S)	Savannah, Ga.
Barnes, L. A. (3 ME)	Rock Hill
Barnett, E. W. (1 T-TM)*	Great Falls
Barnwell, C. S. (3 TE)	Macon, Ga.
Barnwell, G. H. (4 Ag Ec)	Florence
Barrett, C. M. (1 T-TC)	Lancaster
Barrett, R. F. (1 T-TM)*	Greenwood
Barrow, R. C. (3 ME)	Union
Barton, E. B. (2 EE)	Winnsboro
Barton, F. W. (2 ME)	Aiken
Barton, J. T. (1 E-EE)*	Greer
Barton, P. H. (3 ME)	Taylors
Baskin, R. R. (3 Dairy)	Bishopville
Bates, E. (1 T-TM)	Rock Hill
Batson, L. P. (3 TE)	Greenville
Baxley, D. C. (2 Pre-Med)	Kershaw
Baxley, O. E. (3 A H)	Kershaw
Beach, G. A. (3 ME)	Columbia
Beach, H. F. (2 A)	Walterboro
Beach, M. G. (2 Chem)	Walterboro
Bearden, H. J. (1 T-TM)*	Cliffside, N. C.
Beaty, F. E. (1 E-EE)	Charleston
Beckroge, H. G. (1 Ind Ed)	Charleston
Bedell, D. M. (2 A)	Ridgeland
Bedell, R. B. (1 A)	Ridgeland
Bedenbaugh, E. J. (3 AH)	Prosperity
Bedenbaugh, Harmon M. (2 TM)	Kinards
Bedenbaugh, Hubert M. (4 VAE)	Prosperity
Bedenbaugh, P. H. (2 VAE)	Leesville
Beeks, J. R. (1 E-ME)*	Greenville
Bell, C. B. (4 VAE)	Jefferson
Bell, G. M. (1 Ar En)*	Anderson
Bell, J. D. (2 EE)	Navy Yard
Bell, J. E. (2 Ag En)	Orangeburg
Bell, J. W. (1 T)	New York, N. Y.
Bell, K. R. (3 AH)	Lydia
Bell, L. J. (1 A)	Wampee
Bellamy, O. H. (2 EE)	Florence
Bellinger, E. F. (1 E-ME)	Charleston
Belser, T. H. (4 Pre-Med)	Summerton
Belue, H. H. (2 ME)	Union
Belue, R. O. (4 ME)	Union
Benfield, P. L. (1 E-Ag En)*	York
Bennett, T. P. (3 ME)	Milford, Del.
Benton, O. F. (1 T-TM)*	Eufaula, Ala.
Berger, K. (1 Ar En)*	Baltimore, Md.
Berly, J. A. (4 EE)	Clemson
Berly, J. C. (2 EE)	Pomaria
Berly, R. H. (3 EE)	Lexington
Berman, E. G. (2 TE)	Brooklyn, N. Y.
Berry, B. C. (1 A)	Johnston
Berry, J. B. (2 EE)	Avondale Estates, Ga.
Berry, J. M. (1 A)*	Pelzer
Berry, J. N. (2 Pre-Med)	Avondale Estates, Ga.
Berry, R. W. (1 Chem)*	Atlanta, Ga.
Berry, W. W. (1 E-Ch En)	Greenville
Bethea, J. O. (3 Ag En)	Darlington
Bettis, F. A. (1 E-ME)	Greenville
Beville, U. U. (2 Pre-Med)	Columbia
Bevis, J. H. (2 EE)	Charleston
Biemann, H. D. (4 ME)	Walhalla
Binnicker, M. (1 VAE)*	Norwalk
Bisher, E. P. (2 Ch En)	Kingston, Pa.
Bishop, B. C. (1 E-EE)	Greenwood
Bishop, E. E. (4 Agron)	Campobello
Bishop, G. B. (4 A&S)	Moncks Corner
Bishop, H. E. (2 TC)	Wellford
Bishop, J. C. (2 A)	Frogmore
Bishop, J. W. (1 T-TC)*	Pendleton
Bishop, M. B. (1 T-TM)	Landrum
Bishop, W. H. (4 ME)	Spartanburg
Black, E. W. (2 Chem)	Barnwell
Black, H. N. (2 Ag En)	Ruff
Black, J. A. (1 T-TM)	York
Black, J. B. (2 TM)	Honea Path
Black, J. M. (1 E-TE)*	Anderson
Black, J. T. (2 VAE)	Leesville
Black, R. G. (3 CE)	Rock Hill
Blackmon, W. E. (4 TE)	Lancaster
Blackmon, W. N. (3 ME)	Rock Hill
Blackmon, W. R. (1 Pre-Med)	Rock Hill
Blackwell, H. D. (2 Ar En)*	Greenwood
Blackwell, J. H. (1 E-ME)*	Marion
Blair, A. E. (2 EE)	Greenville
Blair, A. F. (2 ME)	Bl
Blakley, E. (3 TE)	Abbeville
Blalock, J. D. (4 TE)	Camden
Blanton, O. H. (3 Agron)	Tabor City, N. C.
Blanton, O. I. (1 A)	Tabor City, N. C.
Blocker, D. D. (1 E-Ag En)*	Walterboro
Blythe, J. W. (1 E-ME)*	Pelzer
Boazman, E. R. (3 AH)	Chapman
Bobo, R. S. (3 TE)	Greenville
Bobrow, A. E. (4 Dairy)	Brooklyn, N. Y.
Bodie, A. B. (2 EE)	Newberry
Boggs, C. D. (2 VAE)	Seneca
Boggs, R. H. (1 T-TC)*	Anderson
Bolender, C. L. (1 A)*	Haverford, Pa.
Boliver, T. E. (2 ME)	Columbia

Name and Course	Address
Bolt, I. P. (1 E-CE)	Anderson
Bolt, W. F. (2 CE)	Anderson
Bonds, R. S. (2 EE)	Georgetown
Bonnette, G. H. (PG)	Florence
Bonnoitt, E. L. (2 EE)	Florence
Booker, M. P. (PG)	Pendleton
Boozer, H. S. (1 E-EE)*	Denmark
Boozer, H. W. (4 AH)	Leesville
Boozer, J. S. (3 VAE)	Chappells
Boroni, H. L. (2 ME)	Brooklyn, N. Y.
Bosdell, F. A. (2 TM)	Greenville
Bost, W. J. (4 EE)	Spartanburg
Bostick, B. E. (4 ME)	Beaufort
Bostick, M. L. (1 A)*	Burton
Bouchard, R. H. (1 E-Ch En)*	Langley
Bounelis, D. N. (3 A&S)	Anapolis, Md.
Bowen, D. B. (1 E-EE)*	Pickens
Bowen, J. H. (1 A)*	Westminster
Bowen, J. R. (1 E-Ag En)*	Troy
Bowen, R. H. (1 E-EE)*	Greenville
Bowen, W. K. (1 E-EE)*	Piedmont
Bowers, G. W. (1 E-EE)*	Central
Bowers, R. H. (3 Hort)	Fitzgerald, Ga.
Bowers, T. S. (4 Dairy)	Leesville
Boyd, F. H. (4 ME)	Greenville
Boyd, G. M. (1 E-EE)	Spartanburg
Boyd, H. S. (2 TM)	Laurens
Boyd, W. S. (2 Pre-Med)	Salters
Boykin, L. H. D. (2 A)	Boykin
Boykin, P. S. (3 ME)	Boykin
Boykin, T. O. (1 Arch)	Camden
Boykin, W. B. S. (1 Pre-Med)*	Boykin
Boyles, J. C. (2 CE)	Savannah, Ga.
Boylston, R. E. (2 TE)	Sumter
Boylston, W. O. (1 Arch)*	Barnwell
Bozard, J. D. (3 Ag Ec)	Orangeburg
Bozard, J. L. (1 Pre-Med)*	Orangeburg
Bracken, M. R. (1 A)*	Easley
Brackett, G. D. (1 E-ME)	Rock Hill
Brackett, N. C. (3 Arch)	Pickens
Brackett, W. D. (4 EE)	Florence
Bradfield, I. E. (2 Pre-Med)	LaGrange, Ga.
Bradfield, J. W. (1 E-CE)*	Charlotte, N. C.
Bradford, F. P. (2 Ag En)	Sumter
Bradford, J. A. (2 TM)	Anderson
Bradham, L. L. (2 A&S)	Sumter
Bradley, R. C. (2 TM)	Greenville
Brady, J. L. (4 TE)	Spartanburg
Brannen, J. E. (2 Ag En)	Register, Ga.
Brantly, R. S. (1 E-EE)	Charleston
Branyon, H. E. (3 Dairy)	Honea Path
Braswell, H. A. (3 ME)	Marion
Bratton, T. J. (3 VAE)	Gaffney
Brawley, J. R. (2 Pre-Med)	Chester
Brawley, J. T. (2 TM)	Chester
Brehmer, R. H. (1 E-CE)	Richmond, Va.
Brewster, V. A. (1 Pre-Med)*	Cedartown, Ga.
Brice, T. A. (1 E-ME)*	Winnsboro
Bridges, J. E. (1 E-TE)*	Rock Hill
Bridges, J. M. (4 Agron)	Heath Springs
Bridges, W. H. (4 EE)	Heath Springs
Bridwell, M. N. (2 TM)	Greenville
Bright, M. (2 A&S)	Lyman
Brisendine, R. S. (1 E-TE)	East Point, Ga.
Britton, W. B. (2 EE)	Charleston
Broadway, J. R. (1 Pre-Med)*	Summerton
Broadwell, E. T. (2 TC)	Sumter
Broadwell, W. E. (4 TC)	Sumter
Brockman, E. D. (1 E-Ch En)*	Greenville
Brockman, H. L. (3 TE)	Greer
Brockmann, H. E. (1 T-TC)*	Charlotte, N. C.
Brodie, B. M. (1 A)	Aiken
Broome, J. D. (2 ME)	Abbeville
Broome, W. R. (3 ME)	Abbeville
Brown, B. W. (2 ME)	Starr
Brown, C. G. (3 Dairy)	Anderson
Brown, C. L. (3 Ag Ec)	Anderson
Brown, D. C. (1 E-EE)*	Greenville
Brown, E. G. (1 E-EE)*	Iva
Brown, F. N. (1 E-ME)*	Greenville
Brown, G. E. (1 E-CE)*	Iva
Brown, G. P. (1 E-CE)	Walhalla
Brown, George W. (2 CE)	Darlington
Brown, Grover W. (2 Ag En)	Hickory Grove
Brown, H. E. (3 TE)	Greenville
Brown, H. G. (4 Chem)	Orangeburg
Brown, J. K. (4 Ch-En)	Travelers Rest
Brown, J. L. (3 TE)*	Hartwell, Ga.
Brown, J. M. (2 A&S)	Mountain Rest
Brown, J. S. (PG)	Clemson
Brown, J. W. (3 TE)	Greenville
Brown, R. B. (2 CE)	Sumter
Brown, R. C. (4 EE)	Clemson
Brown, R. L. (1 T)*	Greenville
Brown, R. M. (1 A)*	Iva
Brown, S. C. (3 ME)	Charleston
Brown, W. J. (2 A&S)	Walhalla
Brown, W. L. (2 A)	York
Bruce, A. C. (2 CE)	Seneca
Bruce, C. A. (1 A&S)	Anderson
Bruce, C. E. (1 E)*	Anderson
Bruce, L. L. (1 A&S)	Erwin, Tenn.
Brumley, J. E. (1 T-TM)*	Greenville
Brunson, J. F. (2 CE)	Fairfax
Brunson, S. S. (2 EE)	Sumter
Brunson, W. E. (1 E-ME)	Sumter
Bryan, J. W. (2 CE)	Seneca
Bryans, W. B. (3 CE)	Dublin, Ga.
Bryant, E. R. (1 VAE)	Pacolet
Bryant, I. W. (1 T-TM)	Inman
Buchanan, K. H. (1 E-TE)	Anderson
Buchanan, L. H. (3 TE)	Marietta
Buchanan, W. C. (1 T-TM)*	Marietta
Buchman, D. I. (2 EE)	New York, N. Y.
Buck, C. E. (2 ME)	Greenville
Buck, H. S. (2 Chem)	Edgemoor
Buckingham, P. H. (1 A)*	Ellenton
Buddin, A. L. (4 Ind Ed)	Rock Hill
Buford, W. H. (2 Ag En)	Ellenton
Buie, P. D. (4 Ind Ed)	Denmark
Bull, J. P. (2 ME)	Santee
Bultman, P. H. (2 Arch)	Sumter
Bundy, E. W. (1 T-TC)	Erwin, Tenn.
Bundy, J. G. (1 E-EE)*	Bennettsville
Bunker, F. E. (1 E-ME)*	Greenwich, Conn.
Burdette, H. Y. (2 EE)	Charleston
Burdette, J. H. (1 Arch)	Piedmont
Burdette, L. W. (3 EE)	Greenville
Burley, L. D. (1 E-EE)	Walhalla
Burley, M. M. (1 E-ME)	Spartanburg
Burnett, A. D. (4 Agron)	Sumter
Burnett, C. B. (4 TE)	Spartanburg
Burnett, J. W. (1 E-Ag En)	McCormick
Burnett, W. C. (2 TM)	Langley
Burnett, W. E. (1 E-CE)	Green Sea
Burns, L. E. (2 EE)	Greenville
Burns, R. E. (3 Ag Ec)	Laurens
Burns, W. H. (2 TE)*	Clemson
Burton, D. R. (1 E-ME)	Pelzer
Bush, C. T. (2 ME)	Rock Hill
Bush, J. J. (1 E-CE)	Allendale
Butler, J. B. (2 Arch)	Greenville
Button, R. F. (1 E-ME)	Pittsview, Ala.
Butts, W. W. (2 EE)	Walhalla
Byars, R. P. (2 A&S)	Gaffney
Byrd, E. A. (2 CE)	Branchville
Cagle, M. E. (2 A)	Andrews
Cagle, W. L. (4 ME)	Roanoke Rapids, N. C.
Calder, J. F. (1 A)*	James Island
Caldwell, E. M. (2 A)	Roebuck
Caldwell, H. D. (1 E-CE)	Greenville
Caldwell, J. C. (2 CE)	Charlotte, N. C.
Caldwell, V. B. (3 CE)	Blacksburg
Calhoun, A. P. (1 A&S)	Savannah, Ga.
Calhoun, J. D. (3 ME)	Ringgold, Ga.

Name and Course	Address
Calhoun, J. P. (3 CE)	Sumter
Calhoun, J. R. C. (3 GS)	Dillon
Califf, J. W. (4 Arch)	Charleston
Califf, T. H. (2 Ch En)	Charleston
Caligan, J. A. (1 T-TM)*	Greenville
Calvert, J. W. (1 T-TM)*	Abbeville
Calvert, L. (2 EE)	Mount Holly, N. C.
Calvert, R. L. (3 TE)	Honea Path
Cameron, F. B. (1 E-TE)	Greenville
Cameron, J. T. (1 T-TM)	Chester
Camp, D. M. (4 AH)	Bakersfield, Calif.
Camp, W. B. (4 Agron)	Bakersfield, Calif.
Campbell, J. E. (3 Pre-Med)	Camden
Campbell, M. W. (1 A)	Pelzer
Campbell, R. D. (2 CE)	Spartanburg
Campbell, W. L. (1 T-TM)	Greenville
Canfield, J. F. (1 E-Ag En)	Hodges
Cannada, R. L. (1 T-TC)*	Taylors
Cannon, C. B. (1 E-EE)	Laurens
Cannon, H. T. (3 EE)	Newberry
Cannon, M. P. (2 EE)	Greenville
Cantrell, C. W. (4 Ind Ed)	Spartanburg
Cantrell, J. L. (2 TM)	Fort Mill
Capelle, C. D. (1 E-EE)	Clemson
Cappelmann, E. H. (3 ME)	Columbia
Cappelmann, F. J. (2 EE)	Beaufort
Cardwell, J. C. (1 E-TE)	Lenoir City, Tenn.
Carlisle, H. L. (2 EE)	Calhoun Falls
Carlisle, J. M. (1 Arch)	Bennettsville
Carlson, P. G. (1 E-Ch En)*	North Augusta
Carlton, C. C. (2 TM)	Anderson
Carmichael, C. (3 Ag En)	Fork
Carmichael, M. B. (3 ME)	Olar
Carnell, E. F. (3 Agron)	Union
Carpenter, R. B. (4 CE)	Thomasville, N. C.
Carpenter, W. L. (2 EE)	Greenville
Carr, J. G. K. (1 Ar En)*	Myrtle Beach
Carraway, A. J. (3 EE)	Timmonsville
Carroll, C. W. (3 EE)	Navy Yard
Carson, A. B. (2 EE)	Greenville
Carson, C. E. (1 T-TM)	Spartanburg
Carson, J. D. (2 TE)	Anderson
Carson, J. E. (3 Pre-Med)	Spartanburg
Carson, L. A. (2 TM)	Orangeburg
Carter, C. C. (2 VAE)	Leo
Carter, C. F. (PG)	Washington, D. C.
Carter, E. C. (1 E-Ch En)*	Lamar
Carter, G. A. (1 A)*	Lamar
Carter, James H. (2 Pre-Med)	Georgetown
Carter, Joseph H. (2 TM)	Newton, N. C.
Carter, J. R. (1 E-EE)*	Greenville
Carter, L. D. (2 A)	Ehrhardt
Carter, M. J. (4 Agron)	Timmonsville
Carter, R. L. (1 E-Ag En)*	White Hall
Carter, T. F. (1 Ed)	Anderson
Cartwright, F. R. (2 Pre-Med)	Yonges Island
Cartwright, T. C. (3 AH)	York
Carver, A. B. (2 EE)	Lockhart
Carwile, A. B. (4 Ag En)	Abbeville
Carwile, J. P. (2 TM)	Abbeville
Cary, T. C. (4 A&S)	Honea Path
Casey, J. H. (1 E-TE)	Inman
Cashion, M. H. (2 EE)	Greenwood
Castles, D. F. (1 E-EE)	Winnsboro
Castles, T. P. (1 Pre-Med)	Great Falls
Cates, J. M. (1 Arch)	Savannah, Ga.
Cathcart, J. V. (4 Chem)	Bishopville
Cathcart, R. S. (4 ME)	Hartsville
Cathcart, W. R. (2 ME)*	Spartanburg
Cathey, R. T. (4 ME)	Canton, N. C.
Cato, L. (2 A&S)	Monetta
Cato, L. F. (2 A)	Monetta
Caughman, K. G. (3 ME)	Elizabeth, N. J.
Caughman, W. D. (4 EE)	Columbia
Causey, C. E. (1 A)	Furman
Cauthen, V. W. (2 EE)	Greenville
Cecil, O. K. (1 Arch)	Spartanburg
Chadwick, J. W. (4 ME)	Saluda
Chalker, A. L. (2 ME)	South Orange, N. J.
Chalker, D. F. (3 CE)	South Orange, N. J.
Chalmers, J. F. (3 TE)	Honea Path
Chalmers, L. V. (2 EE)	Greenwood
Chambers, H. C. (2 CE)	Beaufort
Chamness, E. (1 E-Ag En)*	Bennettsville
Champion, C. O. (2 ME)	Shelby, N. C.
Champion, J. C. (2 ME)	Shelby, N. C.
Chandler, E. T. (2 VAE)	Olanta
Chandler, J. C. (1 A&S)*	Westminster
Chaplin, J. F. (3 Agron)	Myrtle Beach
Chaplin, P. C. (2 Ag En)	Hartsville
Chaplin, R. L. (2 Ind Phys)	Ridgeland
Chapman, J. E. (4 ME)	Cross Hill
Chapman, J. M. (3 Chem)	Charleston
Chapman, R. H. (ST)*	Spartanburg
Chapman, W. H. (2 EE)	Piedmont
Chapman, W. M. (2 TM)*	Spartanburg
Chapman, W. R. (2 Pre-Med)	Inman
Chappell, H. W. (3 EE)	Cartersville, Ga.
Chappell, P. C. (4 GS)	Columbia
Chastain, E. D. (4 VAE)	Pickens
Chastain, F. H. (4 VAE)	Pickens
Chastain, J. D. (1 Pre-Med)	Taylors
Chastain, R. C. (3 VAE)	Pickens
Chastain, W. B. (2 ME)	Pickens
Chavous, C. D. (1 T-TM)*	Allendale
Cheatham, C. E. (3 Arch)	Greenville
Cheatham, R. J. (2 TM)	New Orleans, La.
Cheney, J. P. (2 EE)	Manlius, N. Y.
Childers, H. C. (1 E-CE)*	Cheraw
Childers, W. G. (3 Ind Ed)	Cheraw
Childers, W. J. (1 T-TM)	York
Childress, J. R. (1 A)*	Six Mile
Childs, T. C. (1 Pre-Med)*	Central
Christenberry, R. E. (3 TE)	Greenville
Christenberry, T. E. (PG)	Greenville
Clancy, J. P. (1 T-TC)	Lancaster
Clanton, R. M. (2 Pre-Med)	Darlington
Clardy, W. W. (2 CE)	Arlington, Va.
Clark, B. D. (1 VAE)	Johnston
Clark, G. L. (1 E)*	Johnston
Clark, J. F. (2 ME)	Walhalla
Clark, J. R. (3 TE)	Walhalla
Clark, M. A. (1 T-TM)*	Hartsville
Clark, O. M. (1 T-TC)*	Clemson
Clark, P. L. (4 ME)	Anderson
Clark, W. D. (4 TE)	Lexington, N. C.
Clark, W. K. (1 E-ME)*	Walhalla
Clayton, J. W. (1 E-EE)	Dorchester
Clayton, L. A. (1 E-TE)	Greer
Clayton, R. M. (2 CE)	Pickens
Clayton, W. T. (2 A)	Centra
Clegg, J. M. (2 A)	Ridgelan
Cleland, C. H. (1 E-EE)	Ridgelan
Clemens, J. C. (2 Arch)	Clemso
Clemmer, R. H. (3 Hort)	Ridgelan
Cleveland, J. O. (2 TM)	Anderso
Clinkscales, H. S. (1 VAE)	Star
Clinkscales, M. M. (1 T-TM)*	Abbevill
Cobb, W. A. (3 TE)	Pelze
Cochran, A. L. (1 E-ME)	Clemso
Cochran, J. R. (2 ME)	Canton, N.
Cochran, W. R. (2 CE)	Clemso
Cockfield, T. A. (2 CE)	Scranto
Cockrell, C. T. (2 TE)	Ft. Worth, Te
Coclin, C. G. (3 Dairy)	Beaufo
Coffey, E. S. (3 CE)	Mannii
Coggins, D. R. (4 Ag Ec)	Inma
Cohen, E. D. (2 EE)	Charlest
Cohen, P. B. (1 A)	Waynesboro,
Coker, H. (3 GS)	Turbevi
Cole, C. C. (1 Arch)	Greenvi
Cole, J. O. (2 Arch)	Greenvi
Coleman, A. B. (2 A)	Anders
Coleman, T. E. (2 CE)	Mountvi

ıme and Course	Address
eman, W. D. (2 EE)	Greenwood
ings, T. A. (1 Pre-Med)	Clemson
ins, J. L. (2 ME)	Spartanburg
ins, J. M. (2 ME)	Greenville
ins, R. F. (1 E-Ch En)*	Greenville
ins, R. S. (4 EE)	Ninety Six
ins, W. J. (1 E-Ch En)*	Westminster
ipton, B. O. (2 Ind Ed)	Greenwood
ey, J. R. (2 Ar En)	Columbia
ey, S. W. (2 CE)	Columbus, Ga.
nelly, J. G. (3 TE)	Morganton, N. C.
nor, J. M. (2 A&S)	Columbia
yers, J. L. (3 Agron)	Cartersville, Ga.
k, C. C. (2 EE)	Prosperity
k, J. H. (1 T-TM)	Travelers Rest
k, T. S. (1 VAE)	Sumter
k, V. W. (4 Ch-En)	Atlanta, Ga.
k, W. H. (2 A)	Bartow, Fla.
per, H. M. (2 EE)	Greenville
per, J. L. (3 Ch-En)	Greenville
per, J. N. (2 Arch)	Washingtonville, N. Y.
per, J. W. (2 ME)	Spartanburg
per, R. P. (2 VAE)	Andrews
per, W. D. (1 E-ME)*	Piedmont
e, J. H. (2 A)	Cope
eland, G. P. (2 A)	Clinton
bett, L. W. (1 Pre-Med)*	Wagener
bin, J. F. (2 EE)	Sylva, N. C.
ey, H. S. (2 EE)	Asheville, N. C.
ker, R. P. (3 ME)	Springfield
ley, Edward J. (1 E-TE)	Ninety Six
ley, Ernest J. (3 VAE)	Lexington
ley, E. L. (2 VAE)	Saluda
ley, J. E. (1 VAE)	Lexington
ley, L. P. (1 T)	Harrison, N. Y.
nette, J. J. (1 E)*	Oakridge, Tenn.
nwell, J. C. (1 Pre-Med)*	Leeds
nwell, M. M. (1 E-ME)	Fort Myers, Fla.
nwell, N. S. (1 Arch)*	Fort Myers, Fla.
ry, D. S. (2 ME)	Gaffney
hran, B. A. (1 Pre-Med)*	Pickens
hran, E. F. (1 E-EE)	Greenville
hran, J. B. (1 T-TM)*	Sandy Springs
hran, J. R. (2 Ag En)	Inman
hran, P. C. (3 A&S)	Greenville
hran, R. F. (2 A&S)	Manning
ten, T. R. (2 EE)	Charleston
rsey, J. T. (1 Ar En)	Charlotte, N. C.
rtney, R. O. (1 E-CE)*	Johnston
sins, C. E. (3 Dairy)	Silver Street
sins, W. R. (1 E-ME)*	Newberry
ington, D. H. (1 Pre-Med)*	Burnsville, N. C.
ington, J. F. (2 EE)	Clio
ington, T. A. (4 A)	Norway
wan, D. E. (1 E-TE)	Abbeville
, A. C. (2 GS)	Dawson, Ga.
, C. D. (3 ME)	Walhalla
, G. H. (1 E-EE)	Easley
, J. E. (2 CE)	Decatur, Ga.
, J. F. (2 ME)	Marion
, V. M. (4 Ind Ed)	Denmark
, W. H. (3 Ag Ec)	Latta
le, H. B. (2 TM)	Gaffney
ig, D. L. (2 A&S)	Greenville
ig, H. B. (2 A)	Liberty
ig, J. E. (3 AH)	Salem
ig, J. F. (1 Pre-Med)*	Eastover
ig, J. T. (1 E-Ag En)*	Pickens
ig, M. A. (1 E-ME)*	Clover
ndall, H. E. (4 ME)	Clemson
nston, J. C. (2 EE)	Augusta, Ga.
pps, W. D. (4 Ag Ec)	Leesville
pse, H. M. (1 E-ME)*	Estill
pse, J. L. (1 A)	Estill
ven, W. H. (1 A)*	Bamberg
wford, B. L. (2 Ar En)	Chester

Name and Course	Address
Crawford, D. E. (PG)	Clemson
Crawford, H. O. (2 A)	Clemson
Crawford, J. H. (1 A)	Clemson
Crawford, J. M. (2 ME)	Spartanburg
Crawford, K. L. (PG)	Clemson
Crawford, L. A. (4 TE)	Goldville
Crawford, R. L. (2 ME)	Savannah, Ga.
Crawley, I. C. (2 TM)	Nero, N. C.
Creamer, B. H. (1 A)*	Anderson
Creech, E. R. (1 E-CE)	Spartanburg
Creech, W. C. (1 E-EE)*	Asheville, N. C.
Creighton, C. S. (1 A)*	North Augusta
Crenshaw, C. L. (2 EE)	Pendleton
Cribb, A. J. (1 Pre-Med)*	Hemingway
Cromer, J. R. (1 Ed)*	Newberry
Cromer, P. E. (2 CE)	Anderson
Cromwell, R. B. (1 A&S)*	Chester
Cronk, L. J. (3 Arch)	Metuchen, N. J.
Crosland, L. K. (1 E-ME)*	Bennettsville
Cross, C. P. (1 E-ME)*	Cross
Cross, D. E. (1 E-EE)	Georgetown
Crowe, R. N. (2 Arch)	Greenwood
Crowther, H. W. (1 T-TM)	Anderson
Crowther, R. R. (3 TE)	Clemson
Crowther, W. F. (PG)	Due West
Croxton, L. S. (2 TC)	Kershaw
Crumpton, C. H. (2 TE)	Orangeburg
Cudworth, T. F. (1 T-TM)*	Greensboro, N. C.
Culbreath, J. S. (1 VAE)	Johnston
Culp, H. E. (4 VAE)	Waxhaw, N. C.
Cunningham, J. W. (4 ME)	Duncan
Cureton, W. M. (2 Arch)	Union
Curran, J. F. (1 E-EE)*	Portsmouth, Va.
Currence, W. F. (1 E-EE)	Asheville, N. C.
Currie, L. G. (1 A)*	Clio
Curry, W. L. (2 Arch)	Mullins
Curtis, H. B. (2 EE)	Sumter
Curtis, R. J. (1 T-TM)	Lexington, N. C.
Dabney, T. F. (4 EE)	Rock Hill
Dacus, H. E. (1 E-ME)	Easley
Dacus, J. R. (1 E-ME)	Easley
Dalton, A. A. (3 ME)	Seneca
Dalton, J. J. (2 EE)	Norris
Daniel, E. W. (1 A&S)*	Sandersville, Ga.
Daniel, J. D. (2 VAE)	Lake City
Danner, O. F. (2 Ed)	Jonesville
Dantzler, J. W. (4 Dairy)	Eutawville
Darby, W. E. (1 Pre-Med)	Fort Motte
Dargan, A. S. (2 ME)	Darlington
Darlington, S. P. (3 ME)	Mount Pleasant
Davenport, F. S. (4 Ar En)	Greenville
Davenport, R. E. (3 Pre-Med)	Williamston
Davenport, R. M. (4 CE)	Miami, Fla.
Davis, B. W. (1 T-TM)	Greenville
Davis, D. (3 Agron)	Seneca
Davis, E. L. (2 TM)	Pelzer
Davis, G. S. (2 TE)	Greenville
Davis, J. R. L. (2 EE)	Canton, N. C.
Davis, J. W. (4 TE)	Columbia
Davis, L. R. (1 E-CE)*	Chicago, Ill.
Davis, M. C. (1 Pre-Med)*	Newnan, Ga.
Davis, M. V. (1 E-ME)	Wedgefield
Davis, N. E. (1 E-EE)*	Mullins
Davis, R. (2 Ag En)	Johns Island
Davis, R. E. (1 E-ME)*	Fountain Inn
Davis, R. F. (3 ME)	Columbia
Davis, R. S. (2 ME)	Spencer, N. C.
Davis, V. G. (2 EE)	Greer
Davis, W. (1 T-TM)*	Greenville
Davis, W. L. (2 ME)	Easley
Deanhardt, L. C. (1 T-TM)	Belton
Deanhardt, M. L. (1 E-TE)	Belton
Deas, J. W. (1 E-ME)*	Rock Hill
Deas, V. J. (3 EE)	Rock Hill
Deaton, J. E. (4 TE)	Kershaw
deLoach, F. B. (4 TE)	Columbia
DeLoach, R. L. (2 ME)	Beaufort
DeLoach, W. W. (1 E-Ch En)	Columbia

Name and Course	Address
DeLorme, A. C. (4 Pre-Med)	Maplewood, N. J.
DeLorme, H. M. (2 A)	Columbia
Denny, H. B. (4 Pre-Med)	Bishopville
Dent, C. R. (1 A)	St. Matthews
Denton, D. W. (2 CE)	Decatur, Ga.
Derieux, W. T. (1 Chem)*	Blythewood
Derrick, B. M. (2 TE)	Irmo
Derrick, C. W. (3 VAE)	Columbia
Derrick, J. C. (1 Ind Phys)*	Walhalla
DesChamps, W. P. (2 CE)	Bishopville
Devlin, G. M. (1 E-ME)*	Greenwood
DeVore, F. W. (4 ME)	Ninety Six
Dibble, A. J. (4 Hort)	Orangeburg
Dibble, L. M. (2 EE)	Orangeburg
Dickerson, R. R. (3 ME)	Spartanburg
Dickert, H. D. (1 E-EE)*	Orangeburg
Dickson, J. F. (1 E-EE)*	Rock Hill
Dickson, J. R. (4 EE)	York
Dickson, W. K. (1 E-ME)	Westminster
Dilfield, R. E. (1 E-ME)	Newport News, Va.
Dillard, C. R. (2 VAE)	Seneca
Dinkins, J. G. (2 A)*	Manning
Dixon, G. B. (1 E-ME)	Greenville
Dixon, L. F. (3 TE)	Greenville
Doar, H. F. (2 A&S)	Charleston
Dobbins, J. C. (1 A)*	Townville
Dobbins, J. G. (4 EE)	Anderson
Dobbins, J. P. (1 E-EE)*	Spartanburg
Dobbins, T. L. (4 Ag En)	Townville
Dobson, J. W. (1 A)*	Central
Dobson, R. T. (1 E-CE)*	Central
Dodds, L. A. (1 E-EE)	Charleston
Dodgen, J. A. (4 ME)	Graniteville
Donegan, T. D. (1 Chem)*	Woodruff
Donkle, I. L. (2 TM)	Greenville
Doolittle, A. M. (2 EE)	Athens, Ga.
Dorsey, A. C. (3 TE)	Greenville
Dorsey, M. H. (2 EE)	Navy Yard
Douglass, G. G. (2 TM)	Winnsboro
Douglass, H. A. (2 EE)	Columbia
Dowis, W. S. (2 Arch)*	Spartanburg
Doyle, C. B. (1 A)	Anderson
Doyle, O. H. (1 A&S)	Anderson
Dreher, F. E. (4 Pre-Med)	West Columbia
Drew, R. M. (3 GS)	Ridgeland
Driggers, E. P. (1 E-ME)	Greenville
Driver, B. (2 EE)	Westminster
Droze, W. H. (1 A&S)	Charleston
Drummond, H. L. (1 E-ME)	Ninety Six
Drummond, P. A. (1 E-Ag En)*	Woodruff
DuBose, C. R. (1 E-ME)	Ellenton
DuBose, R. C. (3 Agron)	Lamar
Duckworth, R. J. (1 E-EE)*	Westminster
Duckworth, R. M. (1 Arch)*	Westminster
Duffie, H. Z. (4 Ag En)	Saluda
Dugan, J. D. (1 E-ME)	Easley
Dugger, P. E. (2 Arch)	Columbia
Dukes, D. A. (4 Agron)	Greeleyville
Dukes, D. E. (1 Arch)*	Orangeburg
Dunaway, T. W. (2 Chem)	Thomaston, Ga.
Duncan, B. A. (1 T-TM)	Six Mile
Duncan, G. T. (1 E-ME)*	Lyman
Duncan, J. D. (2 A)	Loris
Duncan, M. L. (1 E-ME)	Blacksburg
Dunlap, H. L. (2 ME)	Rock Hill
Dunlap, J. L. (3 ME)	Hartsville
Dunn, J. C. (1 E-ME)*	Central
DuRant, S. E. (3 Ag Ec)	Alcolu
Dusenberry, F. C. (2 TM)	Donalds
Dusenberry, G. R. (PG)	Due West
Dwyer, J. F. (2 ME)	Columbus, Miss.
Dyer, C. A. (2 TC)	Charleston
Eaddy, W. H. (4 VAE)	Hemingway
Eargle, J. C. (1 E-ME)*	Parr
Eargle, V. H. (3 EE)	Leesville
Earle, E. B. (2 VAE)	Central
Earle, H. U. (3 EE)	Walhalla

Name and Course	Address
Earle, J. R. (2 Pre-Med)	Walhalla
Earle, W. B. (1 Arch)*	Walhalla
Earnhardt, M. M. (2 Ch En)	Kannapolis, N. C.
Easterling, J. L. (1 E-Ag En)*	Hartsville
Eberhart, H. C. (2 A&S)	Anderson
Edens, H. C. (3 Ag En)	Dalzell
Edens, J. A. (2 TM)	Summerton
Edens, J. W. (4 VAE)	Sumter
Edens, M. B. (4 Dairy)	Pickens
Edmondson, H. G. (3 ME)	Cedartown, Ga.
Edmunds, S. D. (4 Agron)	McCormick
Edwards, B. D. (1 E-EE)*	Canton, N. C.
Edwards, D. C. (2 ME)	Fountain Inn
Edwards, I. A. (2 A&S)	Sumter
Edwards, L. L. (1 E-ME)	Marion
Edwards, S. J. (2 EE)	Latta
Eleazer, G. W. (1 Chem)	Columbia
Elfert, C. G. (2 ME)	Labadieville, La.
Elliott, J. C. (1 VAE)	Chester
Elliott, W. H. (1 A)*	Summerville
Ellis, C. W. (2 ME)	Estill
Ellis, P. B. (4 TE)	Greenwood
Ellison, L. A. (1 E-ME)*	Great Falls
Ellison, W. R. (1 E-EE)*	Anderson
Elmore, G. F. (1 A)	Greer
Elms, D. F. (2 TM)	Fort Mill
Elrod, A. C. (2 ME)	Walhalla
Elrod, C. V. (3 TE)	Central
Elrod, M. C. (2 TM)	Piedmont
Elrod, W. C. (2 ME)	Walhalla
Emanuel, C. M. (4 VAE)	Rembert
Emanuel, F. C. (3 Hort)	Rembert
Emerson, J. H. (2 Ch En)	Atlanta, Ga.
Engel, H. A. (4 TE)	Charleston
English, D. D. (1 T-TM)	Anderson
Enloe, W. P. (2 TM)	Roanoke, Ala.
Epps, C. O. (2 Ag En)	Latta
Epps, F. Q. (1 E-ME)*	New Zion
Epps, S. (2 TM)	Fort Mill
Ervin, J. M. (4 Pre-Med)	Darlington
Erwin, A. M. (2 TM)	Abbeville
Eskew, T. E. (1 E-TE)	Gaffney
Eskridge, W. (1 E-EE)	Cheraw
Espieg, K. H. (1 T-TM)	Anderson
Espieg, W. E. (1 E-TE)	Anderson
Estes, S. R. (1 A)*	Greenville
Estridge, I. M. (2 VAE)	Lancaster
Eubanks, L. (2 TM)	Graniteville
Eubanks, W. S. (1 E-CE)*	Blackville
Euwer, D. B. (3 A&S)	Greenville
Evans, E. G. (3 Pre-Med)	Pendleton
Evans, J. G. (2 Pre-Med)	Pendleton
Evans, J. R. (2 ME)	Anderson
Evans, J. S. (3 Ag En)	New Zion
Evans, J. W. (4 EE)	Kingstree
Evans, W. C. (1 Pre-Med)	Clemson
Evans, W. D. (1 E-CE)*	Kingstree
Evatt, T. R. (1 E-Ag En)*	Seneca
Eve, P. F. (1 E-EE)	Beaufort
Exum, C. P. (3 Arch)	Salisbury, N. C.
Fair, H. H. (1 T-TC)*	Greenville
Fair, J. C. (3 TE)	Greenville
Fairey, J. K. (4 ME)	St. Matthews
Fairey, T. B. (1 E-EE)	Orangeburg
Fairey, W. S. (1 Pre-Med)	Orangeburg
Falkner, I. L. (2 EE)	Charlotte, N. C.
Falls, H. (2 ME)	Asheville, N. C.
Fant, A. R. (2 Arch)	Anderson
Fant, C. H. (4 Agron)	Anderson
Fant, C. W. (2 Arch)	Anderson
Fant, G. C. (2 A&S)	Anderson
Fant, M. A. (3 GS)	Anderson
Fant, R. G. (4 Arch)	Lockhart
Farah, A. D. (3 Ind Ed)	Whitmire
Farah, C. E. (3 ME)	Whitmire
Farbstein, S. B. (4 Ch-En)	Beaufort
Faris, L. W. (1 T-TM)	Greenville

Name and Course	Address
Farmer, J. A. (2 CE)	Anderson
Farmer, J. M. (1 E-TE)*	Anderson
Farmer, L. P. (1 E-EE)*	Spartanburg
Farmer, R. E. (2 Arch)	Anderson
Farrell, J. G. (3 TE)	Drayton
Farris, W. E. (1 E-EE)	Rock Hill
Fassbender, W. F. (1 E-ME)	Red Springs, N. C.
Faucett, J. W. (1 Pre-Med)	Union
Feinman, J. H. (1 T-TM)*	New York, N. Y.
Felkel, L. W. (3 ME)	Cameron
Fellers, Q. H. (1 E-CE)	Prosperity
Fellers, R. H. (2 Arch)	Newberry
Fendley, J. E. (1 E-ME)	Westminster
Fennell, J. E. (1 E-EE)*	Hardeeville
Ferguson, C. R. (1 E-EE)	Atlanta, Ga.
Ferguson, W. L. (1 Arch)*	Spartanburg
Fernandez, M. (3 Ag En)	Alajuela, C. R.
Few, R. A. (2 ME)	Greer
Ficken, G. E. (1 E-EE)*	Early Branch
Fields, L. (1 VAE)	Lamar
Fincher, G. L. (3 VAE)	Lynchburg
Finkenstadt, J. M. (1 Arch)*	Walhalla
Finklea, G. C. (3 Pre-Med)	Pamplico
Finley, G. L. (1 E-EE)*	Mountville
Finney, R. P. (2 Pre-Med)	Spartanburg
Fisher, L. (3 TE)	Belton
Fistori, A. J. (2 A&S)	Worcester, Mass.
FitzSimons, F. L. (1 E-Ag En)*	Hendersonville, N. C.
FitzSimons, W. S. (PG)	Greenville
Fleming, G. R. (1 T-TM)	Chester
Flemming, W. R. (2 A)	Gable
Fletcher, J. W. (2 VAE)	McColl
Fleu, F. W. (4 A&S)	Pikeville, Ky.
Flowers, H. S. (3 ME)	Sumter
Flowers, J. P. (1 E-Ag En)*	Darlington
Floyd, L. O. (4 EE)	Scranton
Floyd, L. W. (2 A)	Manning
Flynn, E. D. (1 E-EE)*	Union
Flynn, G. S. (2 Ind Ed)	Lancaster
Foard, W. W. (2 ME)	Marion
Fogarty, S. (4 CE)	Charleston
Folk, D. D. (3 Ar En)	Greenville
Folk, R. H. (3 Ind Ed)	Belton
Font, J. A. (3 CE)	Santurce, P. R.
Fooshe, W. K. (1 Pre-Med)*	Hodges
Fore, C. W. (1 E-EE)*	Latta
Foreman, F. L. (2 A)	Ellenton
Foster, D. A. (2 Pre-Med)	Greenwood
Foster, H. B. (2 TM)	Spartanburg
Foster, P. F. (2 TM)	Woodruff
Foster, R. R. (2 VAE)*	Chesnee
Foster, T. S. (1 E-CE)*	Greenville
Fowler, H. W. (3 EE)	Union
Fowler, J. W. (2 CE)	Gaffney
Fowler, L. B. (1 Ed)	Fountain Inn
Fowler, L. H. (1 VAE)*	Loris
Fowler, R. W. (1 E-CE)*	Ware Shoals
Fowler, W. C. (1 Ar En)	Columbia
Fowler, W. E. (1 A)*	Jonesville
Fowler, W. W. (3 Arch)	Lockhart
Fox, C. B. (4 ME)	Lodge
Fox, T. S. (3 GS)	Ravenel
Foxworth, E. B. (1 A)*	Marion
France, R. H. (PG)	Spartanburg
France, T. N. (3 TM)*	Spartanburg
Franks, H. L. (1 E-CE)*	Greenville
Franks, W. H. (4 ME)	Laurens
Fraser, W. T. (2 TM)	Greenville
Frazer, J. W. (2 Chem & Pre-Med)	Charlotte, N. C.
Frazer, S. M. (3 AH)	Chester
Free, J. W. (4 GS)	Jonesville
Freeman, B. L. (3 Ar En)	Anderson
Freeman, C. E. (2 A)	Liberty
Freeman, E. A. (2 CE)	Clemson

Name and Course	Address
Freeman, E. W. (3 VAE)	Greenville
Freeman, F. W. (4 ME)	Charleston
Freeman, P. E. (4 AH)	Steeds, N. C.
Friar, R. G. (2 TE)	Montmorenci
Frick, C. B. (2 TM)	Clifton
Frick, M. L. (4 EE)	Greenville
Frick, R. K. (1 Pre-Med)*	Spartanburg
Friday, J. B. (4 Chem)	Charleston
Friddle, W. D. (1 E-ME)*	Greenville
Frierson, H. F. (4 Pre-Med)	Union
Frierson, M. (2 EE)	Bishopville
Frye, R. S. (3 ME)	Atlanta, Ga.
Funchess, M. D. (1 E-Ag En)*	Rowesville
Funchess, W. H. (3 Agron)	Rowesville
Furse, G. H. (1 VAE)	Summerton
Gabrels, J. L. (3 ME)	Spartanburg
Gaddis, R. S. (1 Ar En)	Taylors
Gaddy, J. D. (1 T-TM)*	McColl
Gage, R. (2 TM)	Anderson
Gailey, C. W. (1 E-CE)	Anderson
Gaillard, M. H. (1 E-ME)	Anderson
Gaillard, S. D. (1 E-EE)*	Anderson
Gaillard, W. L. (3 Pre-Med)	Williamston
Gainer, C. E. (2 Ed)	Lancaster
Gaines, H. P. (1 E-EE)	Honea Path
Gaines, J. A. (4 Chem)	Glasgow, Ky.
Gaines, J. R. (2 TM)	Liberty
Gaines, W. A. (2 CE)	Central
Gallivan, H. F. (1 E-CE)	Greenville
Galloway, T. H. (1 T-TM)	Pelzer
Galloway, T. L. (2 A)	Darlington
Galway, J. E. W. (4 CE)	Greenville
Gamble, W. A. (1 VAE)*	Charleston
Gambrell, C. E. (2 VAE)	Piedmont
Gambrell, F. M. (1 A)	Pendleton
Gambrell, G. C. (3 TE)	Seneca
Gambrell, H. L. (1 E-EE)*	Pendleton
Gandy, H. W. (1 E-EE)*	Hartsville
Gardner, J. E. (2 EE)	Goldville
Gardner, T. B. (2 CE)	Marion
Garner, J. A. (PG)	Hartsville
Garner, R. L. (3 TE)	Union
Garraux, J. H. (3 ME)	Greenville
Garren, D. M. (2 EE)	Greenville
Garren, M. H. (2 Ch En)	Greenville
Garrett, C. M. (2 ME)	Travelers Rest
Garrett, J. E. (1 E-EE)*	Orangeburg
Garrett, J. L. (2 ME)	Belton
Garrett, J. P. (2 A&S)	Greenville
Garrett, Z. V. (2 ME)	Walhalla
Garrison, A. F. (2 TC)	Hartwell, Ga.
Garrison, F. B. (1 E)*	Anderson
Garrison, W. H. (1 Arch)*	Columbia
Garvin, N. E. (4 TE)	Concord, N. C.
Garvin, P. M. (2 Ag En)	Greenwood
Gasque, R. B. (2 Arch)	Marion
Gaston, J. N. (1 E-ME)*	Woodruff
Gaston, M. (2 Ag En)	Duncan
Gaulden, D. H. (2 CE)	Rock Hill
Gault, J. D. (2 A&S)	Blacksburg
Gault, M. G. (2 Arch)	Greenville
Gault, T. D. (2 A&S)	Gaffney
Gee, G. (4 AH)	Charlottesville, Va.
Geer, W. F. (2 EE)	Anderson
Genet, G. T. P. (1 E-EE)	Georgetown
Gentry, T. H. (2 VAE)	Summerton
George, D. H. (1 T-TM)*	Aiken
Gerald, J. O. (3 Ag Ec)	Loris
Gercken, L. D. (2 ME)	Charleston
Gerrald, J. (2 CE)	Galivants Ferry
Gerrard, G. M. (3 AH)	Anderson
Gerritsen, B. H. (2 Chem)	Anderson
Gervais, J. L. (3 CE)	Johns Island
Gervais, P. E. (2 ME)	Johns Island
Gettys, M. E. (2 A)	Gaffney
Gettys, R. A. (1 E-ME)	Rock Hill
Gibson, J. H. (1 E-Ag En)*	Chester
Gibson, W. R. (2 ME)	Piedmont

Name and Course	Address
Gignilliat, W. W. (4 Ch-En)	Macon, Ga.
Gilbert, F. C. (1 Chem)*	Newberry
Gilbert, J. W. (2 EE)	Greenville
Gilbert, M. D. (1 E-ME)	Campobello
Gilden, J. H. (1 T-TM)*	Walhalla
Gill, W. P. (2 TM)	Rock Hill
Gillespie, F. I. (3 EE)	Tams, W. Va.
Gillespie, J. W. (3 Chem)	Walhalla
Gillespie, R. L. (1 Pre-Med)	Tams, W. Va.
Gilliam, J. W. (2 A)	Abbeville
Gilliam, S. G. (1 A)*	Abbeville
Gilliland, J. F. (1 E-ME)	Iva
Gilmer, K. E. (2 A&S)	Anderson
Gilmore, L. M. (2 Pre-Med)	Greenville
Gilmore, R. S. (1 Arch)	Spartanburg
Gilmore, W. F. (1 E-ME)*	Santuck
Gilpin, A. T. (2 A)	Chester
Gilreath, J. H. (3 ME)	Greenville
Gilreath, J. W. (1 E-EE)*	Greenville
Gilroy, P. W. (2 Pre-Med)	Bennettsville
Gilstrap, M. K. (1 A&S)	Liberty
Gladden, T. W. (2 VAE)	Lowrys
Glenn, B. F. (2 CE)	Anderson
Glenn, C. H. (2 TE)	Greenville
Glenn, E. S. (1 E-ME)*	Summerville
Glenn, F. E. (3 TE)	Greer
Glenn, G. A. (2 TE)	Fair Play
Glenn, J. D. (2 ME)	Hartsville
Glenn, J. N. (3 CE)	Clemson
Glenn, T. R. (4 VAE)	Starr
Godfrey, E. H. (1 Pre-Med)*	Florence
Godwin, C. V. (2 CE)	Sumter
Godwin, W. Y. (2 ME)	Summerton
Goethe, R. N. (4 ME)	North Charleston
Goff, A. L. (1 VAE)	Saluda
Goforth, C. C. (2 VAE)	Gaffney
Gohagan, D. B. (3 VAE)	Furman
Goldsmith, D. L. (2 Pre-Med)	Greenville
Goodman, J. H. (2 ME)	Westminster
Goodman, J. M. (3 Ag En)	Mountville
Goodman, J. R. (4 CE)	Clemson
Goodman, Jack S. (2 EE)	Clemson
Goodman, Jesse S. (2 CE)	Clemson
Goodman, J. W. (2 Ag En)	Mountville
Goodman, M. R. (4 TE)	Olanta
Goodman, W. M. (2 VAE)	Olanta
Goodwin, W. T. (2 EE)	Spartanburg
Goodyear, H. H. (1 A)	Nichols
Gordon, J. W. (2 EE)	Willard, Ohio
Gorman, F. (3 EE)	Greenville
Graham, G. P. (4 EE)	Greenville
Graham, J. R. (1 E)*	Inman
Graham, R. B. (2 TM)	Anderson
Graham, R. L. (2 VAE)	Seneca
Graham, T. H. (3 TE)	Scranton
Graham, W. D. (3 TE)	Rock Hill
Graham, W. H. (2 VAE)	Anderson
Gramling, A. C. (3 Agron)	Orangeburg
Gramling, A. S. (2 A)*	Orangeburg
Gramling, C. S. (1 E-EE)	Orangeburg
Gravlee, J. G. (3 EE)	De Land, Fla.
Gravlee, R. W. (1 E-CE)*	De Land, Fla.
Gray, J. R. (2 Arch)	Anderson
Gray, J. T. (4 Arch)	Greenville
Gray, W. J. (3 Agron)	Savannah, Ga.
Green, E. H. (1 A)*	Dyersburg, Tenn.
Green, F. H. (1 E-EE)	Griffin, Ga.
Green, J. W. (2 VAE)	Turbeville
Green, T. E. (3 CE)	Taylors
Greene, C. R. (1 E-EE)	Newry
Greene, E. H. (3 TE)	Greenwood
Greer, T. M. (4 EE)	Greer
Greer, W. M. (PG)	Greenville
Gregg, W. B. (1 E-ME)	Kingstree
Gregorie, F. (2 A)	Mt. Pleasant
Gregory, J. N. (2 A&S)	Greenville
Gregory, J. T. (3 CE)	Union
Gregory, W. C. (2 Arch)	Chesnee

Name and Course	Address
Gressette, W. C. (1 E-ME)*	Florence
Greyard, W. B. (4 TE)	Greenville
Grice, G. D. (1 E-TE)*	Charleston
Grier, C. M. (3 ME)	Charlotte, N. C.
Grier, J. E. (4 EE)	Spartanburg
Griffin, D. H. (2 ME)	Saluda
Griffin, F. F. (1 T-TM)*	Greenville
Griffin, T. L. (1 Pre-Med)*	Florence
Griffith, W. A. (1 E-TE)*	Lancaster
Griffith, W. R. (1 VAE)*	Williamston
Griggs, G. W. (2 ME)	Society Hill
Grigsby, R. L. (4 VAE)	Saluda
Grimball, H. G. (4 Arch)	Johns Island
Grimball, I. H. (1 E-CE)*	Johns Island
Grubb, C. W. (1 T-TM)	Salisbury, N. C.
Guess, J. F. (2 EE)	Greenville
Guess, R. L. (1 E-EE)*	Blackville
Guest, C. M. (2 Ch En)	Greenville
Guest, F. K. (3 Ch-En)	Taylors
Gulledge, C. J. (3 AH)	Wedgefield
Gulledge, C. N. (2 VAE)	Mount Croghan
Gulledge, L. M. (1 A)	Wedgefield
Gunby, F. M. (1 E-ME)*	Winchester, Mass.
Gunnels, W. F. (3 EE)	Aiken
Gunnin, E. A. (1 Ar En)*	Starr
Hadden, S. J. (S)	Westminster
Haddon, C. J. (1E-TE)	Greenwood
Haddon, F. M. (1 Arch)*	Anderson
Hagan, L. D. (1 E-EE)*	Greenwood
Hagen, J. G. (2 A)	Abbeville
Haggerty, A. L. (1 E-ME)	Tucapau
Haigler, D. G. (1 A)*	Cameron
Haigler, E. V. (1 VAE)*	Cameron
Haigler, J. S. (3 Arch)	Charleston
Haigler, L. M. (2 A)	Cameron
Haines, C. E. (3 AH)	Hyattsville, Md.
Hair, C. A. (2 Ar En)	Fairfax
Hair, T. L. (2 TM)	Anderson
Hall, C. L. (2 TM)	Winnsboro
Hall, F. N. (2 ME)	Spartanburg
Hall, M. B. (2 Ag En)*	York
Hall, R. A. (2 VAE)	Camden
Halliday, Q. S. (2 TM)	Spartanburg
Hamilton, C. H. (1 E-EE)*	Atlanta, Ga.
Hamilton, F. P. (2 Ed)	Seneca
Hamilton, H. G. (1 E-ME)	Anderson
Hamilton, J. H. (1 E-EE)*	Fort Mill
Hamilton, R. B. (4 ME)	Rock Hill
Hammett, J. M. (2 Ag En)	Gaffney
Hammett, L. R. (3 EE)	Gaffney
Hammett, R. H. (2 TC)	Walhalla
Hammett, W. K. (2 TM)	Inman
Hammond, A. F. (1 E-EE)	Florence
Hammond, E. B. (1 A&S)*	Johnsonville
Hammond, E. W. (2 ME)	Greenville
Hammond, F. P. (3 TE)	Greenville
Hammond, G. F. (1 VAE)	Seneca
Hammond, H. D. (1 A)*	Seneca
Hammond, J. W. (4 ME)	Williamston
Hammond, L. H. (1 A)*	Seneca
Hamrick, R. Y. (2 ME)	Boiling Springs, N. C.
Hamrick, W. L. (3 TE)	Gaffney
Hance, H. L. (1 E-CE)*	Lancaster
Hanckel, R. M. (3 Dairy)	Charleston
Hancock, R. B. (2 VAE)	Ruby
Hand, A. M. (3 TC)	Hardeeville
Hand, R. B. (2 CE)	Florence
Hann, J. F. (2 TE)	Easley
Hanna, E. H. (1 A)*	Gifford
Hanna, L. F. (1 A)*	Johnsonville
Hanna, R. G. (2 EE)	Bennettsville
Hanvey, E. A. (3 CE)	McCormick
Hanvey, R. E. (2 EE)	McCormick
Hanvey, S. (1 T-TM)*	Walhalla
Hanvey, W. H. (4 VAE)	McCormick
Hardaway, H. M. (1 E-CE)	Dillon
Hardee, F. F. (1 E-EE)	Conway

Name and Course	Address
Hardee, J. G. (3 Ag Ec)	Loris
Hardee, W. O. (2 VAE)	Greeleyville
Harden, M. L. (1 Ar En)*	Walhalla
Hardin, F. L. (2 A&S)	Chester
Hardin, J. T. (1 A&S)*	Whitmire
Hardwick, L. D. (2 EE)	Rock Hill
Hare, W. W. (1 E-ME)*	Madison
Hargrove, R. C. (2 Ind Ed)	Miami, Fla.
Harper, F. G. (2 CE)	Anderson
Harper, J. M. (2 CE)	Greenville
Harper, W. W. (1 T-TM)	Seneca
Harrell, L. H. (1 VAE)*	Moncks Corner
Harrelson, G. (1 Pre-Med)*	Georgetown
Harrelson, M. W. (2 ME)	Georgetown
Harrill, B. H. (2 ME)	Bennettsville
Harris, D. D. (3 ME)	Laurens
Harris, G. J. (3 VAE)	Madison
Harris, G. M. (2 CE)	Taylors
Harris, J. W. (3 VAE)	Madison
Harris, K. A. (1 E-EE)	Gaffney
Harris, M. D. (2 ME)	Camden
Harris, W. A. (1 E-Ag En)*	Westminster
Harrison, F. H. (2 ME)	Columbia
Harrison, H. H. (1 E-CE)	Greenville
Harrison, J. P. (2 CE)	Troy
Harrison, M. M. (1 VAE)*	Pelzer
Harrison, P. B. (2 Arch)	St. Matthews
Harrison, R. T. (4 ME)	Troy
Harrold, J. H. (2 TM)	Pacolet Mills
Hart, E. C. (1 E-ME)*	Darlington
Hart, J. C. (1 A)*	Greenville
Hart, J. D. (1 E-EE)*	Kelton
Harte, N. N. (3 TE)	Spartanburg
Hartin, D. O. (2 TM)	Greenville
Harvey, J. C. (1 E-ME)*	Moncks Corner
Hasek, W. J. J. (1 Chem)*	Carteret, N. J.
Hastings, J. W. (1 T-TC)*	Chester
Hatch, R. E. (1 E-CE)	Aiken
Hatfield, H. B. (2 Ch En)	Sumter
Hawkins, G. R. (2 ME)	Newberry
Hawkins, J. W. (4 EE)	Greenwood
Hawthorne, R. F. (2 ME)	Due West
Hay, D. E. (3 Ag En)	Johns Island
Hay, E. G. (2 CE)	Charleston
Hay, S. L. (2 A)	Johns Island
Hayes, C. J. (1 E-Ag En)*	Anderson
Hayes, J. E. (1 E-EE)*	Latta
Hayes, R. F. (2 TE)	Chester
Haynes, G. C. (1 E-CE)	Cliffside, N. C.
Haynie, H. A. (1 T-TM)*	Anderson
Hayslip, C. C. (2 ME)*	Spartanburg
Hazle, J. E. (1 T-TM)*	Woodruff
Head, H. A. (1 E-ME)*	Jacksonville, Fla.
Healan, R. W. (2 Arch)	Rock Hill
Heape, J. N. (2 EE)	Charleston
Heaton, C. E. (2 TE)	Piedmont
Heaton, J. L. (2 CE)	Anderson
Heaton, M. D. (3 TE)	Piedmont
Hedden, G. C. (2 Ar En)	Badin, N. C.
Heinbockel, R. H. (1 T-TM)*	Manhasset, N. Y.
Helms, J. M. (3 A&S)	Rock Hill
Hembree, B. E. (2 GS)	Anderson
Hemminger, J. M. (2 GS)	Willington
Hemphill, F. D. (2 Arch)	Columbia
Hemphill, G. F. (3 TC)	Columbia
Hemphill, R. D. (4 ME)	Columbia
Henderson, F. P. (2 Pre-For)	Ninety Six
Henderson, I. H. (1 E-CE)	Greenville
Hendley, D. L. (1 T-TM)	Greenville
Hendrick, H. L. (4 CE)	Conway
Hendricks, D. (1 E-ME)*	Liberty
Hendricks, G. H. (4 TE)	Easley
Hendrix, J. L. (2 EE)	Anderson
Hendrix, R. C. (2 TE)	Greenville
Henegar, J. R. (2 ME)	Spartanburg
Henke, R. A. (1 E-ME)	Mount Vernon, N. Y.
Henry, A. M. (4 GS)	Clemson
Herber, H. H. (3 ME)	Bethlehem, Pa.
Herbert, A. M. (2 ME)	Anderson
Herd, L. O. (2 TM)	Piedmont
Herlong, J. E. (4 Agron & Hort)	Saluda
Herlong, P. B. (3 VAE)	Johnston
Herndon, H. L. (2 A)	Ehrhardt
Herns, C. K. (3 ME)	Charleston
Herring, R. C. (1 E-Ag En)*	Marion
Herron, W. C. (2 Ch En)	Anderson
Hewin, L. M. (3 ME)	Ware Shoals
Hewitt, R. T. (1 A)*	Florence
Hickerson, J. G. (2 EE)	Greensboro, N. C.
Hicklin, R. M. (2 TE)	Richburg
Hicks, J. F. (1 E-Ag En)*	York
Hicks, R. G. (2 ME)	Spartanburg
Hiers, J. C. (4 Dairy)	Hopkins
Higdon, R. J. (2 A)	Gay, N. C.
Higgins, C. R. (4 TE)	Easley
Hildebrand, E. J. (1 E-ME)	Washington, D. C.
Hill, A. W. (3 EE)	Spartanburg
Hill, C. B. (3 TE)	Fountain Inn
Hill, H. H. (S)	Clemson
Hill, J. D. (1 E-ME)	Sanford, N. C.
Hill, J. E. (4 AH)	Florence
Hill, J. T. (2 EE)	Timmonsville
Hill, T. A. (2 Ag En)	Florence
Hills, M. W. (2 A)	Johns Island
Hilton, A. S. (2 Chem)	Charleston
Hindman, C. C. (2 EE)	Greenville
Hinnant, R. O. (1 VAE)	Andrews
Hiott, C. E. (2 A)	Round O
Hiott, E. D. (3 EE)	St. Matthews
Hipp, C. J. (4 A&S)	Greenwood
Hirshberg, R. R. (1 Pre-Med)*	Sumter
Hix, E. L. (2 Pre-Med)	Rock Hill
Hodge, C. R. (2 Pre-Med)	Alcolu
Hodges, G. L. (3 TE)	Anderson
Hodges, M. L. (2 CE)	Conway
Hoffman, C. A. (2 Ar En)	Kingston, Pa.
Hoffmeyer, G. (1 Ar En)*	Hartsville
Hogan, J. D. (3 EE)	Columbia
Hogue, W. R. (3 GS)	Fort Mill
Hoke, H. R. (2 TE)	Newton, N. C.
Holcombe, C. W. (1 E-ME)	Greenville
Holcombe, M. E. (4 EE)	Central
Holcombe, W. G. (2 ME)	Greenville
Holden, R. M. (2 EE)	Clemson
Holder, B. W. (1 Pre-Med)*	Pickens
Holladay, C. H. (1 E-CE)	Sumter
Holland, G. H. (1 Arch)	Fountain Inn
Holland, J. P. (2 TE)	Columbia
Holland, M. (2 EE)	Hartwell, Ga.
Holland, W. A. (1 T-TM)*	Williamston
Hollembeak, H. A. (3 ME)	Greenville
Holley, R. H. (1 A)	Aiken
Holliday, C. A. (1 VAE)	Liberty
Holliday, L. E. (2 Pre-Med)	Manning
Hollingsworth, A. W. (2 GS)	Greenwood
Hollingsworth, J. C. (2 VAE)	Troy
Hollis, E. J. (2 TM)	Chester
Hollis, N. M. (2 EE)	Rock Hill
Holmes, L. F. (4 Agron)	Johnston
Holroyd, R. F. (2 Arch)	Anderson
Holroyd, W. T. (3 CE)	Anderson
Holshouser, W. A. (1 A&S)	Erwin, Tenn.
Holt, E. E. (3 TE)	Spartanburg
Holtzendorff, L. G. (4 GS)	Clemson
Honeycutt, R. G. (2 Ch En)	Marion, N. C.
Hood, R. W. (1 E-EE)*	Greenville
Hooker, B. A. (3 EE)	Greenville
Hopkins, B. R. (2 CE)	Richland Springs, Texas
Hopkins, J. (2 EE)	Greenville
Hopkins, J. V. (1 T)	Fort Mill
Hopper, I. D. (1 T-TM)*	Chester
Horton, D. H. (4 Agron)	Pendleton

Name and Course	Address
Horton, J. H. (4 Agron)	Pendleton
Houck, D. W. (1 E-ME)*	Orangeburg
Howard, C. C. (1 A)	Pickens
Howard, G. C. (3 ME)	Greenville
Howell, C. C. (3 GS)	Troy, N. C.
Howell, C. R. (2 TC)	Greer
Howell, J. R. (1 A)	Thomaston, Ga.
Howell, L. C. (4 AH)	Georgetown
Howell, T. E. (3 Dairy)	Taylors
Howell, W. F. (2 EE)	Lancaster
Howle, H. G. (4 EE)	Darlington
Hubbard, E. B. (3 ME)	Sumter
Hubbard, W. S. (1 E-ME)*	Greenville
Huckabee, J. L. (1 E-EE)*	Marion
Hucks, C. B. (1 E-EE)	Savannah, Ga.
Hudson, B. E. (2 TM)	Greenville
Hudson, H. A. (1 VAE)*	Walhalla
Hudson, J. M. (1 A)*	Hartsville
Hudson, P. B. (1 E-TE)	West Union
Hudson, R. W. (1 E-EE)*	Sumter
Huff, B. E. (1 T-TM)*	Greenville
Huff, O. F. (1 E-Ag En)	Branchville
Huffman, J. L. (1 E-TE)*	Newberry
Hughes, F. E. (1 E-CE)	Charlotte, N. C.
Hughes, H. J. (2 EE)	Enoree
Hughes, J. L. (1 E-ME)*	Donalds
Hughey, H. D. (2 EE)	Greer
Huiet, G. E. (2 Ar En)	Trenton
Hull, P. D. (2 Ind Ed)	Westminster
Humphries, W. B. (2 Pre-Med)	Gaffney
Hunnicutt, J. A. (2 Ar En)	Greenville
Hunsuck, S. E. (4 Chem)	Whitney
Hunt, D. B. (1 E-ME)	Greenville
Hunt, J. F. (1 E-CE)	Liberty
Hunt, S. P. (2 VAE)	Fountain Inn
Hunter, A. L. (1 E-ME)*	Williamston
Hunter, J. E. (2 EE)	Columbia
Hunter, J. T. (2 A&S)	Marion
Hunter, R. W. (1 E-ME)	Pendleton
Hunter, W. H. (2 Pre-Med)	Greenville
Hurley, R. C. (1 Arch)	Greenville
Hurst, C. M. (1 Arch)	Sumter
Hurst, F. M. (4 Ed)	Anderson
Hutchins, D. C. (1 VAE)*	Walhalla
Hutchings, J. M. (2 EE)	Norwood, Ohio
Hutchinson, C. G. (1 VAE)*	Nichols
Hutchison, D. M. (1 E-ME)*	Rock Hill
Hutson, H. C. (3 ME)	Charleston
Hutto, E. (4 EE)	St. George
Hutto, F. B. (4 Chem)	Jacksonville, Fla.
Hyder, J. D. (1 E-ME)	Anderson
Iler, H. B. (2 TE)	Greenville
Imershein, R. E. (3 ME)	Woodmere, N. Y.
Inabinet, J. R. (2 TM)	St. Matthews
Inabinett, J. W. (2 Arch)	Bowman
Ingram, C. H. (3 ME)	Hartsville
Irick, M. J. (2 Pre-Med)	Orangeburg
Irving, W. J. (4 Ag Ec)	Albany, N. Y.
Irwin, W. F. (4 Dairy)	Laurens
Irwin, W. R. (1 E-ME)	Spartanburg
Iturralde, G. A. (3 ME)	Guantanamo, Cuba
Ivester, J. A. (4 EE)	Greenville
Ivester, J. R. (2 Pre-Med)	Walhalla
Ivey, J. W. (2 EE)	Spartanburg
Ivey, S. A. (2 A&S)	Downers Grove, Ill.
Ix, F. W. (2 TM)	Charlottesville, Va.
Ix, J. A. (2 TM)	Charlottesville, Va.
Jack, G. B. (1 E-ME)*	South Salem, N. Y.
Jackson, B. H. (4 Chem)	Greenville
Jackson, F. (4 TE)	Mount Holly, N. C.
Jackson, J. C. (2 Ed)	Camden
Jackson, J. P. (1 A)	Sumter
Jackson, R. N. (2 Ar En)	Anderson
Jackson, R. S. (1 VAE)*	Manning
Jackson, T. A. (1 T-TM)	Great Falls
Jackson, T. F. (1 A)*	Clover
Jacobs, J. C. (2 TM)	Greenville
Jacobs, R. D. (1 A)	Cheraw
Jacques, J. R. (3 CE)	Ware Shoals
James, H. W. (2 ME)	Union
James, J. J. (1 T)*	Pendleton
James, L. W. (1 A)	Anderson
James, V. H. (1 E-CE)	Greenville
Jameson, D. M. (2 ME)	Darlington
Jamison, T. W. (2 EE)	Trenton
Jansson, R. B. (4 CE)	Great Neck, N. Y.
Jeffcoat, G. C. (1 E-ME)	Cope
Jeffcoat, N. F. (2 VAE)	Swansea
Jeffords, C. M. (3 ME)	Spartanburg
Jeffords, C. Q. (1 E-ME)*	Florence
Jeffords, L. G. (1 E-CE)	Timmonsville
Jeffords, T. A. (3 TC)	Orangeburg
Jeffords, W. I. (2 EE)	Florence
Jenkins, A. J. (2 ME)	San Ramon, C. R.
Jenkins, D. M. (2 EE)	Union
Jenkins, E. M. (2 EE)	Osborn
Jenkins, H. S. (1 A)*	Wadmalaw Island
Jenkins, J. E. (3 EE)	Simpsonville
Jenkins, M. C. (1 A)	Allendale
Jenkins, R. F. (2 Ch En)	Charleston
Jenkins, T. T. (4 ME)	Beaufort
Jenkins, Wade H. (2 EE)	Westminster
Jenkins, Walter H. (2 A)	Kline
Jenkins, W. R. (3 VAE)	Lenoir City, Tenn.
Jennings, J. W. (1 T-TM)	Anderson
Jennings, W. H. 1 E-ME)	Clinton
Jester, A. H. (1 E-EE)	Greenwood
Jeter, A. P. (2 Pre-Med)	Rock Hill
Jeter, J. H. (2 ME)	Rock Hill
Johns, E. M. (1 T-TM)	Spartanburg
Johnson, A. B. (2 CE)	Spartanburg
Johnson, D. L. (1 VAE)*	Windsor
Johnson, J. A. (1 T-TM)	Graniteville
Johnson, J. R. (2 TM)	Greenville
Johnson, J. T. (2 A)	Lynchburg
Johnson, R. O. (3 A&S)	Whitmire
Johnson, T. D. (2 EE)	Newberry
Johnson W. C. (2 Ag En)	Edgefield
Johnson, W. E. (2 Pre-Med)	West Hartford, Conn.
Johnson, W. L. (4 Hort)	Aiken
Johnson, W. S. (2 EE)	Greenville
Johnston, J. M. (2 EE)	Greenville
Johnston, L. L. (2 ME)	Graniteville
Johnston, T. E. (1 VAE)*	Moncks Corner
Jolley, J. D. (4 TE)	Anderson
Jolly, J. (1 E-ME)*	Gaffney
Jolly, W. J. (2 Ch En)	Union
Jones, A. L. (2 Ag En)	Saluda
Jones, A. R. (4 EE)	Mt. Sterling, Ill.
Jones, C. R. (4 ME)	Ashton
Jones, D. C. (2 CE)	Barnwell
Jones, E. D. (1 Arch)*	Greer
Jones, E. H. (2 Ind Ed)	Great Falls
Jones, F. K. (2 TE)	Newberry
Jones, H. B. (1 E-Ag En)*	Marion
Jones, H. L. (4 TE)	Buffalo
Jones, H. R. (3 TE)	East Gastonia, N. C.
Jones, James D. (2 Pre-Med)	Fort Mill
Jones, Joseph D. (1 E-ME)	Marietta
Jones, J. H. (1 T-TC)	Spartanburg
Jones, J. K. (4 AH)	Dacusville
Jones, M. W. (4 EE)	Spartanburg
Jones, O. B. (1 E-EE)	Greenville
Jones, R. L. (2 ME)	Glenn Springs
Jones, R. W. (1 E-EE)	Spartanburg
Jones, W. S. (4 Ag En)	Kershaw
Jordan, C. R. (4 Ent)	Hertford, N. C.
Jordan, D. R. (2 ME)	Spartanburg
Jordon, J. S. (1 E-ME)*	Conway
Josey, H. A. (4 TE)	Anderson
Josey, W. E. (1 E-Ag En)	Anderson
Joyce, H. S. (1 E-EE)*	Stoneville, N. C.
Joye, C. M. (4 TE)	Columbia
Joye, J. R. (1 A)*	Lamar
Joye, Raleigh L. (2 EE)	Columbia

Name and Course	Address
Joye, Robert L. (3 Agron)	Lamar
Joye, W. L. (1 E-EE)	Thomasville, Ga.
Joyner, R. S. (2 VAE)	Ward
Judy, L. T. (2 A)	Orangeburg
Judy, O. R. (1 A&S)	Spartanburg
Judy, P. M. (2 TM)*	Spartanburg
Julien, R. A. (2 CE)	Greenwood
Kay, H. B. (4 Agron)	Easley
Kay, R. W. (3 Agron)	Easley
Keasler, B. M. (2 Pre-Med)	Westminster
Keasler, W. H. (2 Pre-Med)	Westminster
Keeney, M. F. (2 EE)	Spartanburg
Keith, T. C. (1 E-Ag En)*	Pickens
Keller, J. L. (2 ME)	Greenville
Kelley, B. A. (1 A)*	Liberty
Kelley, E. A. (1 Pre-Med)*	Greer
Kelley, L. W. (4 Ag En)	Florence
Kelly, A. B. (1 VAE)*	Johnsonville
Kelly, B. N. (3 Agron)	Union
Kelly, C. R. (2 Arch)	Charleston
Kelly, J. C. (1 T-TM)*	Anderson
Kelly, J. W. (2 Arch)	Anderson
Kelly, W. D. (2 Ag En)	Leesville
Kelly, Z. K. (1 TM)	Pelzer
Kelsey, W. B. (1 T-TC)	Chester
Kennedy, E. P. (4 TE)	Summerton
Kennedy, H. R. (2 CE)	Union
Kennerly, D. A. (4 Ag Ec)	Cordova
Kennerty, W. C. (3 Hort)	Johns Island
Kennick, W. H. (2 A)	Chester
Kerr, W. E. (2 ME)	Columbia
Key, C. H. (2 A)	Warrenville
Kidd, R. H. (2 A&S)	Decatur, Ga.
Kilgo, R. A. (2 Arch)	Laurens
Kimman, J. W. (2 TM)	Fredericksburg, Va.
Kinard, J. A. (1 E-EE)	North Charleston
Kinard, W. L. (4 AH)	Columbia
King, E. L. (1 A)*	Chesterfield
King, I. D. (1 E-CE)*	Gray Court
King, J. C. (1 E-ME)*	McBee
King, J. H. (1 Pre-Med)	Loris
King, J. J. (1 E-EE)*	Charleston
King, J. L. (4 ME)	Clemson
King, J. W. (1 A)	Johnsonville
King, M. (1 T-TM)*	Greenville
King, R. H. (3 TE)	Lancaster
King, T. R. (4 Pre-Med)	McBee
King, Wiley B. (1 A)	Bishopville
King, William B. (1 E-Ch En)	Atlanta, Ga.
King, W. H. (4 TE)	Ninety Six
Kirby, A. D. (1 E-ME)	Newry
Kirby, D. C. (1 A)	Florence
Kirby, D. H. (3 EE)	Lynchburg
Kirkpatrick, H. H. (3 Ed)	Martelle, Iowa
Kirkpatrick, M. H. (2 EE)	Clio
Kirven, J. B. (1 E-CE)*	Darlington
Kirven, L. E. (2 Pre-Med)	Pinewood
Kitchen, A. B. (3 ME)	Augusta, Ga.
Kivett, R. G. (2 CE)	Greenville
Kizer, L. E. (1 E-ME)*	Florence
Klettner, S. J. (2 Ag En)	Hartsville
Klinck, P. (3 ME)	North Augusta
Knight, E. L. (1 Chem)	Andrews
Knight, L. A. (1 E-TE)*	Greenville
Knight, L. L. (2 TE)	Drayton
Koehler, K. B. (2 Arch)	Louisville, Ky.
Koolage, H. N. (4 EE)	Annapolis, Md.
Kratzer, B. E. (4 EE)	Bethlehem, Pa.
Lachicotte, G. P. (1 E-ME)	Pawleys Island
Lachicotte, W. F. (1 E-ME)	Pawleys Island
LaFar, W. H. (1 Arch)*	San Diego, Calif.
La Frage, J. L. (2 EE)	Fort Mill
Lake, W. H. (3 ME)	Walhalla
Lamble, R. A. (2 CE)	Charleston
Lancaster, B. S. (2 EE)	Jonesville
Lancaster, F. L. (1 E-ME)*	Port Royal
Lancaster, H. L. (3 ME)	Port Royal

Name and Course	Address
Landgraf, L. P. (1 E-CE)	Panama City, Fla.
Landrith, H. F. (2 A&S)	Seneca
Landrum, J. B. (2 EE)	Columbia
Lane, E. E. (2 VAE)	Mullins
Lane, G. R. (1 E-TE)*	Mullins
Lane, V. K. (2 EE)	Lake City
Laney, T. B. (3 Agron)	Cheraw
Lanford, R. F. (1 E-CE)	Woodruff
Lange, R. P. (4 ME)	Greenville
Langford, J. W. (2 ME)	Ridgeland
Langston, C. E. (2 VAE)	Timmonsville
Latham, D. L. (1 T-TM)*	Iva
Latham, W. F. (2 TM)	Iva
Lathan, C. H. (1 A)*	Lowrys
Latto, E. S. (2 ME)	Charleston
Laughlin, G. W. (1 E-EE)	Florence
Laughlin, R. C. (2 EE)	Florence
Law, D. E. (1 E-Ag En)*	Darlington
Lawson, R. W. (1 T-TM)*	Union
Lax, J. (1 A)*	Greenville
Lay, J. F. (1 E-ME)	Central
Lay, J. R. (3 Ag En)	Westminster
Laycock, R. D. (3 TC)	Houston, Texas
Leach, P. J. (2 TM)	Abbeville
League, F. M. (2 TM)	Easley
League, J. A. (1 E-EE)	Piedmont
Leaphart, W. H. (2 TM)	Prosperity
Leavell, C. W. (3 Agron)	Sumter
Lee, C. M. (3 CE)	Manning
Lee, David C. (4 TE)	Whitmire
Lee, Dexter C. (1 E-ME)	Columbia
Lee, D. L. (2 ME)	Fort Mill
Lee, J. A. (3 Ar En)	Greenwood
Lee, J. E. (3 ME)	Greenville
Lee, L. J. (2 VAE)	Spartanburg
Lee, W. J. (1 Arch)*	Whitmire
LeFevre, L. B. (3 EE)	Augusta, Ga.
Lefler, A. L. (3 TC)	Spartanburg
LeGrand, W. D. (2 EE)	Greenville
Leiby, R. G. (2 ME)	Sumter
Leonard, G. T. (1 A)*	Asheville, N. C.
Leonard, H. B. (2 Arch)	Columbia
Leonard, T. D. (3 EE)	Greenville
Leopard, E. M. (2 ME)	Woodruff
Lesley, H. K. (1 A)	Easley
Lesley, J. G. (3 VAE)	Easley
Leslie, G. S. (2 CE)	Newberry
Leslie, L. E. (3 ME)	Donalds
Levermann, G. A. (1 Ed)	McAllen, Tex.
Levite, A. I. (4 Pre-Med)	Miami Beach, Fla.
Levy, M. A. (1 Arch)*	Navy Yard
Lewis, G. F. (3 Arch)	Orlando, Fla.
Lewis, J. L. (2 Ed)	Loris
Lewis, J. O. (2 Chem)	Marion
Lewis, K. E. (1 E-Ag En)*	Mullins
Lewis, L. L. (2 VAE)	Leesville
Lewis, R. D. (2 Arch)	Spartanburg
Lewis, R. S. (2 ME)	Washington, D. C.
Lewis, T. W. (1 Chem)	Spartanburg
Lewis, V. E. (2 Arch)	Spartanburg
Lewis, W. B. (2 TE)	Easley
Lewis, W. H. (1 E-EE)	Pickens
Lide, C. B. (2 GS)	Marion
Lide, F. M. (4 ME)	Hartsville
Liebenrood, A. E. (1 A)	Mt. Pleasant
Ligon, J. G. (4 GS)	Heath Springs
Liles, J. S. (2 CE)	Charlotte, N. C.
Lillard, R. A. (3 Arch)	Spartanburg
Lindenberg, E. A. (2 A)*	Charleston
Lindler, A. L. (2 VAE)	Chapin
Lindsay, M. D. (4 TE)	Clemson
Lindsay, W. E. (4 TE)	Jonesville
Lindsey, J. R. (2 VAE)	Omega, Ga.
Lineberger, T. E. (1 E-ME)	Greenville
Lipman, W. E. (3 GS)	Charleston
Liston, J. W. (1 E-CE)*	Smoaks
Little, J. O. (2 EE)	Anderson

Name and Course	Address
Little, L. W. (1 A)	Newberry
Littlejohn, H. B. (1 VAE)*	Pacolet
Littlejohn, J. J. (1 Chem)	Spartanburg
Littlejohn, W. M. (4 TE)	Clemson
Livingston, B. J. (1 E-ME)*	Slemp, Ky.
Livingston, E. F. (3 TE)	Greenwood
Livingston, H. F. (3 AH)	North
Livingston, J. F. (3 TE)	Columbia
Livingston, L. S. (2 Ag En)	North
Livingston, M. (4 A)	Salley
Lloyd, C. E. (1 A&S)*	Greenville
Lloyd, G. M. (1 E-Ch En)*	Charleston
Locke, J. D. (2 CE)	Taylors
Lockman, J. E. (2 ME)	Spartanburg
Loftis, C. E. (1 E-ME)	Pickens
Lofton, A. M. (2 A)	McClellanville
Lollis, H. E. (2 ME)	Taylors
Long, B. A. (4 VAE)	Prosperity
Long, C. W. (1 E-CE)*	Newberry
Long, J. C. (1 E-ME)	Greenville
Long, Raymond E. (2 ME)	Greenville
Long, Roy E. (4 GS)	Greenwood
Long, R. M. (1 E-CE)*	Edgemoor
Long, T. J. (2 ME)	McColl
Looper, P. J. (1 E-EE)	Pickens
Loupo, M. W. (2 Ag En)	Lake View
Love, H. M. (1 Arch)*	Chester
Love, R. L. (2 VAE)	Hendersonville, N. C.
Love, S. W. (1 E-ME)*	Florence
Love, T. B. (2 Pre-Med)	Alcolu
Lovell, G. A. (1 T-TM)*	Liberty
Lovett, W. G. (3 EE)	Orangeburg
Lowder, C. E. (3 VAE)	Turbeville
Lowder, H. M. (4 VAE)	Turbeville
Lowe, A. H. (1 T-TM)*	Warrenville
Lowe, J. Z. (2 EE)	Spartanburg
Lowman, J. B. (4 TE)	Ballentine
Lowman, R. W. (3 EE)	Denmark
Lucas, J. L. (2 TM)	Lancaster
Lucius, F. C. (2 Ag En)	West Palm Beach, Fla.
Lucius, H. (2 Ag En)	Dillon
Lumley, H. (3 EE)	Greenwood
Lund, C. M. (2 Ag En)	Columbia
Lund, S. (2 A)	Exeland, Wis.
Lunsford, P. R. (2 TC)	Charlotte, N. C.
Lupo, G. M. (1 E-ME)*	Charlotte, N. C.
Lyle, J. W. (PG)	Richburg
Lyles, J. F. (2 A)	Winnsboro
Lyles, W. C. (2 VAE)	Madison
Lynch, R. B. (3 Ind Ed)	Charleston
Lynes, J. M. (PG)	Easley
Lynn, H. P. (1 E-Ag En)*	Clemson
Lynn, W. A. (2 Pre-Med)	Lancaster
Lynn, W. F. (2 EE)	York
Lynn, W. W. (1 E-EE)*	Filbert
Lyon, J. A. (2 VAE)	Edgefield
Lyon, M. D. (2 A&S)	Johnston
Lyons, J. L. (2 EE)	Ridgeland
Lytle, B. E. (4 ME)	Fort Mill
Lytle, D. G. (1 E-EE)	New York, N. Y.
Lytton, C. B. (S)	Greenville
McAlister, M. F. (2 TM)	Abbeville
McBee, W. deB. (4 TE)	Greenville
McBride, L. M. (1 E-EE)*	Parkersburg, N. C.
McCall, E. G. (2 EE)	Rock Hill
McCanless, W. J. (1 E-EE)	Georgetown
McCard, R. D. (1 Pre-Med)	Greenville
McCarey, G. H. (2 A&S)	Tallahassee, Fla.
McCarthy, W. O. (2 ME)	Memphis, Tenn.
McClain, J. B. (1 E-ME)*	Inman
McClain, K. H. (1 E-CE)*	Anderson
McClain, L. W. (2 TE)	Donalds
McClain, W. F. (1 E-ME)	Honea Path
McClellan, J. H. (1 T-TM)	Laurens
McClure, F. A. (1 E-EE)*	Varnville
McClure, H. C. (3 Ag En)	Chesnee

Name and Course	Address
McClure, T. G. (1 E-ME)*	Anderson
McColl, H. G. (3 AH)	Clio
McCombs, J. W. (2 Ch En)	Greenwood
McConnell, F. M. (1 E-CE)	Seneca
McConnell, J. E. (1 E-EE)	Seneca
McConnell, J. T. (1 E-ME)*	Abbeville
McCorkle, J. H. (1 A&S)*	York
McCown, J. W. (2 EE)	Sumter
McCown, W. E. (4 EE)	Anderson
McCoy, B. J. (2 Ar En)	Belton
McCoy, D. W. (1 T-TM)*	Altavista, Va.
McCrary, J. O. (2 Ind Phys)	Greenville
McCravy, B. E. (1 Ed)	Chester
McCraw, B. M. (4 Agron)	Gaffney
McCraw, T. F. (2 EE)	Gaffney
McCreary, J. R. (4 Arch)	Aiken
McCuen, G. L. (3 EE)	Ware Shoals
McCulloch, J. T. (4 Arch)	Charlotte, N. C.
McCurry, T. M. (1 E-Ch En)*	Anderson
McDaniel, B. F. (1 E-CE)*	Pickens
McDaniel, V. G. (2 Pre-Med)	Bennettsville
McDill, M. W. (1 T-TM)	Chester
McDonald, J. B. (4 TE)	Bolton, Ga.
McDowell, W. L. (3 Arch)	Chester
McElveen, J. T. (3 ME)	Springfield
McElveen, J. V. (PG)	Washington, D. C.
McElveen, R. H. (4 GS)	Columbia
McEntire, F. A. (4 Ch-En)	Clemson
McFadden, F. S. (3 ME)	Rock Hill
McGee, J. W. (2 Pre-Med)	Clinton
McGill, J. N. (1 E-CE)*	Anderson
McGill, L. G. (3 Ag En)	Anderson
McGill, W. S. (1 T)*	Anderson
McGinty, R. A. (2 ME)	Clemson
McGowan, W. S. (2 CE)	Abbeville
McGregor, S. E. (2 A)	Lykesland
McGregor, W. H. D. (2 Pre-For)	Greenville
McGrew, C. W. (2 CE)	Dillon
McGuinn, M. E. (2 ME)	Spartanburg
McGuire, H. N. (2 Pre-Med)	Clemson
McGuirt, H. V. (1 T-TM)	Fort Mill
McIlvain, R. C. (1 T-TM)	Greenwood
McIlwain, E. T. (4 Ch-En & TC)	Atlanta, Ga.
McIlwain, J. H. (3 ME)	Lancaster
McInnis, L. A. (3 Ag En)	Clio
McIntosh, T. J. (1 Pre-Med)	Hartsville
McIntyre, D. C. (2 TM)	Marion
McKagen, E. D. (2 CE)	Charleston
McKay, A. S. (1 A)*	Hendersonville, N. C.
McKay, D. B. (2 EE)	Winnsboro
McKay, W. (2 A)	Hendersonville, N. C.
McKee, J. L. (1 A)	Chester
McKee, L. O. (3 TE)	Woodruff
McKenzie, D. B. (2 Ch En)	Asheville, N. C.
McKenzie, W. M. (4 EE)	Lake City
McKeown, B. L. (3 TE)	Lancaster
McKinney, W. D. (2 CE)	Greenville
McKinnon, C. L. (1 E-CE)	Cheraw
McKinnon, R. K. (4 CE)	St. George
McKoy, K. G. (1 Pre-Med)	Anderson
McLaurin, J. F. (1 Pre-Med)*	Bennettsville
McLeod, B. E. (2 EE)	Georgetown
McLeod, G. T. (2 EE)	Greenville
McLeod, R. L. (1 E-ME)*	Sumter
McMackin, L. F. (4 TE)	Lancaster
McMahan, J. W. (1 T-TM)	Greenville
McMillan, C. M. (2 ME)	Mullins
McMillan, H. C. (1 Ar En)	Spartanburg
McMillan, J. S. (1 Pre-Med)*	Allendale
McMullan, J. H. (2 EE)	Winder, Ga.
McMullan, W. O. (4 TE)	Winder, Ga.
McMurtrey, W. R. (1 E-ME)*	Pendleton
McNair, R. D. (3 Ed)	Gable
McNeely, B. M. (3 ME)	Mooresville, N. C.
McPherson, A. C. (2 ME)	Dillon
McRae, D. D. (2 EE)	Florence
McRae, W. E. (2 EE)	Bennettsville

Name and Course	Address
McSwain, W. E. (1 T-TM)*	York
McWhite, B. C. (4 EE)	Abbeville
McWhorter, W. W. (3 CE)	Spartanburg
Mace, R. G. (2 Ag En)	Gresham
Machen, R. H. (1 A)*	Greenville
Mack, T. E. (1 T-TM)*	Union
Mackay, J. R. (3 ME)	Orangeburg
Mackenzie, M. B. (3 Arch)	Charleston
Mackintosh, S. C. (2 A&S)	McClellanville
Macon, G. E. (1 E-EE)*	Marion
Maffett, C. W. (1 E-CE)	Johnston
Magruder, L. M. (2 EE)	Central Hershey, Cuba
Mahaffee, J. W. (1 A)	Gaffney
Mahaffey, J. A. (3 EE)	Lancaster
Mahaffey, J. G. (1 T-TC)*	Anderson
Mahon, B. (1 T-TM)*	Greenville
Mahon, F. W. (4 ME)	Greenville
Maier, L. H. (2 A&S)	Nutley, N. J.
Major, C. A. (2 A)	Greenville
Mallard, J. P. (2 EE)	Sumter
Mandanis, G. P. (2 EE)	Spartanburg
Maney, E. D. (1 E-EE)	West Asheville, N. C.
Mangan, D. J. (1 E-ME)	Springfield, Mo.
Mann, J. G. (4 EE)	Greenville
Marbury, F. G. (4 AH)	Albany, Ga.
Marett, J. D. (1 VAE)	Greenville
Marks, G. M. (1 E-ME)*	Greenville
Marlow, W. L. (3 Hort)	Inman
Marscher, W. F. (1 E-EE)*	Beaufort
Marshall, W. C. (1 E-Ag En)*	Heath Springs
Martin, C. B. (1 E-ME)	Greenville
Martin, C. H. (1 E-ME)*	Aiken
Martin, C. R. (3 TE)	Pendleton
Martin, D. H. (1 Pre-Med)	Union
Martin, E. E. (1 A&S)*	Greenwood
Martin, E. H. (1 A)*	Conway
Martin, J. A. (PG)	Bowersville, Ga.
Martin, J. C. (3 EE)	Orangeburg
Martin, J. G. (1 E-Ag En)	Anderson
Martin, J. W. (4 CE)	Cowpens
Martin, R. A. (2 Pre-Med)	Fort Mill
Martin, R. F. (4 Ag En)	Anderson
Martin, S. J. (2 TM)	Atlanta, Ga.
Martin, T. A. (2 EE)	Griffin, Ga.
Martin, W. P. (4 ME)	Columbia
Martin, W. R. (4 TE)	Spartanburg
Marvin, J. M. (4 ME)	Walterboro
Mason, F. G. (2 Pre-Med)	Mullins
Mason, G. E. (1 VAE)	Westminster
Mason, J. F. (2 VAE)	Westminster
Mason, J. L. (4 VAE)	Westminster
Mason, R. H. (2 VAE)	Pacolet Mills
Mason, Z. T. (1 E-EE)*	Manning
Massey, L. M. (4 EE)	Charlotte, N. C.
Massey, T. A. (1 E-ME)*	Walhalla
Massey, W. E. (2 Arch)	Greenville
Mathias, W. L. (1 E-Ch En)*	Lexington
Matthews, W. D. (1 E-EE)*	Manning
Mattison, R. T. (2 A&S)	Columbia
May, D. S. (2 EE)	Calhoun Falls
May, E. B. (2 TM)	Asheville, N. C.
May, J. W. (1 E-ME)*	Blackey, Ky.
Mays, H. R. (4 CE)	Columbia
Mays, W. C. (1 Arch)*	Fair Play
Mayson, B. M. (2 ME)	Clemson
Meadows, H. F. (1 A)*	Woodruff
Meadows, J. C. (3 EE)	Greenville
Meares, J. M. (3 Ar En)	Nichols
Meeks, T. L. (3 TE)	Belton
Meiburg, A. L. (4 Ch-En)	Clemson
Melchers, J. T. (2 EE)	Mount Pleasant
Melton, T. C. (2 VAE)	Chesterfield
Merchant, S. A. (3 EE)	Bamberg
Merck, E. W. (2 CE)	Central
Merck, L. J. (1 A)	Central

Name and Course	Address
Merck, W. H. (1 VAE)*	Six Mile
Merritt, C. F. (4 TE)	Piedmont
Merritt, J. W. (2 ME)	Greenville
Metcalf, J. Q. (1 E-EE)*	Greenville
Metz, W. W. (1 E-ME)	Iva
Mickle, P. C. (1 E-TE)	Rock Hill
Mikell, J. P. (4 Hort)	Edisto Island
Miles, J. A. (2 Arch)	Moncks Corner
Miles, W. L. (2 VAE)	Coward
Millen, R. M. (3 EE)	Richburg
Miller, A. R. (1 VAE)	Lexington
Miller, B. M. (2 ME)	Easley
Miller, D. C. (2 EE)	Summerville
Miller, D. O. (1 E-EE)*	Chester
Miller, G. C. (3 TE)	Greenville
Miller, H. M. (2 TC)	Chester
Miller, J. H. (4 Ar En)	Johns Island
Miller, Jack R. (1 T-TC)	Georgetown
Miller, James R. (2 VAE)	Erwin, Tenn.
Miller, J. Whit (1 E-ME)*	Seneca
Miller, John William (1) (1 T-TC)*	Greenville
Miller, John William (2) (2 EE)	Spartanburg
Miller, O. (3 Hort)	Wagner
Miller, T. D. (2 TM)	Chester
Miller, W. Harold (4 ME)	Moore
Miller, W. Henderson (4 EE)	Waterloo
Millians, F. A. (1 E)*	Charlotte, N. C.
Mills, V. R. (3 TE)	Forest City, N. C.
Millsap, J. E. (2 ME)	Gable
Milne, G. C. (3 EE)	Columbia
Mimms, C. M. (4 VAE)	Elliott
Mims, J. A. (2 ME)	Florence
Mims, T. V. (1 T-TM)	Talladega, Ala.
Mims, W. Z. (4 ME)	Lamar
Minick, D. L. (2 EE)	Prosperity
Minor, W. L. (2 EE)	Greenwood
Minshew, C. T. (1 E-ME)*	Johns Island
Mintz, J. M. (4 EE)	East Haven, Conn.
Mitchell, A. R. (3 EE)	Mount Pleasant
Mitchell, J. E. (2 EE)	Augusta, Ga.
Mitchell, L. A. (1 E-Ch En)*	Walterboro
Mitchell, L. S. (1 E-CE)*	Folly Beach
Mitchell, W. B. (2 ME)	Charlotte, N. C.
Mitchum, B. W. (2 VAE)	Smoaks
Moisson, G. M. (2 TC)	Greenville
Moisson, W. C. (1 Ind Ed)	Greenville
Monroe, T. L. (2 EE)	Marion
Montgomery, H. L. (1 E-TE)	Lancaster
Montgomery, H. R. (1 A)	Woodruff
Montgomery, J. H. (1 A)	Gable
Montgomery, R. R. (1 A)	Woodruff
Monts, R. M. (2 ME)	Prosperity
Moody, C. (4 AH)	Dillon
Moody, J. R. (1 A&S)	Dillon
Mooneyham, J. L. (1 A&S)	Sumter
Moore, E. T. (2 Ag En)	Lake City
Moore, J. C. (1 E-TE)*	Lancaster
Moore, J. Hammett (1 T)*	Spartanburg
Moore, J. Harrison (1 A&S)	Sandy Springs
Moore, J. Holland (2 TM)	Beaufort
Moore, J. W. (2 EE)	Sumter
Moore, L. H. (2 VAE)	York
Moore, U. B. (1 T)	La France
Moore, W. A. (4 ME)	La France
Moore, W. H. (2 A&S)	Sandy Springs
Moorer, J. M. (3 Ind Ed)	Navy Yard
Moorman, W. C. (1 E-Ag En)*	Florence
Morgan, F. (4 VAE)	Central
Morgan, H. D. (1 Pre-Med)*	Seneca
Morgan, J. H. (2 A&S)	Spencer, N. C.
Morgan, J. P. (1 T-TM)	Great Falls
Morgan, L. R. (1 A)*	Central
Morgan, L. V. (2 Ind Ed)	Albemarle, N. C.
Morgan, M. J. (1 E-CE)*	Seneca
Morgan, R. D. (3 Agron)	Springfield
Morris, A. R. (2 Ag En)	Olar
Morris, C. B. (2 Chem)	Spartanburg

Name and Course	Address
Morris, E. E. (2 A&S)	Pickens
Morris, L. S. (2 A)	Olar
Morris, R. D. (3 EE)	Anderson
Morris, T. R. (4 CE)	Hickory, N. C.
Morrison, A. H. (1 T-TM)*	Great Falls
Moss, A. A. (3 CE)	Greenville
Moss, E. M. (2 ME)	Seneca
Mosteller, G. W. (1 E-ME)	Greer
Mozingo, G. W. (2 TC)	Rock Hill
Mueller, J. W. (1 E-EE)*	Charleston
Muir, R. C. (4 EE)*	Atlanta, Ga.
Mullen, C. V. (2 CE)	Charleston
Muller, G. F. (4 Hort)	Blythewood
Mullikin, J. A. (1 E-EE)*	Pendleton
Mullikin, R. A. (2 TE)	Williamston
Mungo, F. O. (1 A&S)*	Pageland
Murchison, C. A. (4 TE)	Anderson
Murdock, H. S. (2 Ag En)	Belton
Murphree, J. E. (2 ME)	West Union
Murphy, W. P. (1 A)	Belton
Murray, D. B. (3 Ind Ed)	Chester
Murray, E. H. (4 ME)	Orangeburg
Murray, F. H. (4 ME)	Sumter
Murray, G. N. (1 T-TM)*	Griffin, Ga.
Musselman, W. G. (3 ME)	Bethlehem, Pa.
Myers, J. C. (1 E-TE)*	Westminster
Myers, R. M. (2 ME)	Savannah, Ga.
Neal, C. W. (1 E-Ag En)*	Woodruff
Neely, B. R. (2 EE)	Rock Hill
Nelson, E. C. (4 Ent)	Columbia
Nelson, F. T. (2 TM)	Florence
Nelson, P. A. (1 Pre-Med)	Fountain Inn
Nesius, J. M. (3 TC)	Utica, N. Y.
Neves, J. A. (1 VAE)	Taylors
Newton, D. (3 EE)	Bennettsville
Newton, D. T. (1 Ind Ed)*	Central
Nicholson, B. R. (3 AH)	Clayton, Ga.
Nicholson, R. W. (3 Arch)	Orangeburg
Nickles, H. C. (2 ME)	Donalds
Nickles, W. A. (1 E-Ag En)*	Hodges
Nims, K. G. (4 GS)	Fort Mill
Nix, K. H. (2 A&S)	Anderson
Nix, R. E. (2 EE)	Florence
Nooe, L. A. (3 EE)	Ridgeway
Norris, F. K. (3 Ag En)	Eutawville
Norris, G. F. (1 E-ME)	Greer
Norris, R. E. (3 VAE)	Conway
Norton, C. M. (3 Chem)	Estill
Norton, J. P. (1 E-EE)	Pickens
Norton, P. A. (1 Ar En)*	Framingham, Mass.
Nott, T. E. (1 E-ME)	Charlotte, N. C.
Novit, B. J. (1 E-EE)	Charleston
Nunn, W. B. (4 Pre-Med)	Andrews
Nunnery, E. W. (4 Ag Ec)	Great Falls
Nuttall, A. (2 TE)	Cedartown, Ga.
Oakman, L. (1 E)*	Spartanburg
O'Cain, M. B. (1 E-CE)*	Orangeburg
O'Dell, C. R. (2 A)	Union
O'Dell, W. T. (3 Dairy)	Easley
Ogburn, W. L. (1 E-EE)	Heath Springs
Olson, A. W. (1 Pre-Med)*	De Land, Fla.
Olson, G. A. (1 A)	Decatur, Ga.
O'Neal, F. G. (2 VAE)	Fairfax
Onley, W. O. (1 E-ME)	Columbia
Opt, R. A. (1 E-ME)*	Anderson
Orander, A. D. (2 VAE)	Ridge Springs
Orders, J. B. (2 ME)	Greenville
Orders, W. H. (3 ME)	Greenville
O'Rourke, J. C. (2 Ar En)	Greenville
Orr, J. C. (1 E-ME)	Clemson
Osborne, E. L. B. (4 GS)	Hardeeville
Ousley, W. K. (3 ME)	Salisbury, N. C.
Ouzts, J. E. (2 EE)	Callison
Owen, B. E. (1 Ind Ed)	Orangeburg
Owen, R. R. (1 Ed)*	Charleston
Owen, W. H. (4 ME)	Rock Hill
Owens, D. (1 T-TM)	Greenville
Owens, R. S. (1 E-Ch En)*	Clinton
Owens, W. D. (1 E-CE)	Greer
Owings, W. D. (1 E-EE)	Greenwood
Ownby, J. C. (3 Chem)	Newport, Tenn.
Oxner, V. C. (2 TE)	Kinards
Padget, A. D. (1 E-Ag En)	Saluda
Padgett, C. A. (4 Ch-En)	Panama City, Fla.
Padgett, S. M. (3 VAE)	Ruffin
Padgett, W. M. (1 A&S)	Smoaks
Page, L. C. (2 CE)	Asheville, N. C.
Paget, J. S. (2 A)	Greer
Palles, N. L. (2 EE)	Florence
Palmer, N. O. (1 E-ME)*	Norris
Palmer, S. D. (1 E-ME)	Rock Hill
Pardue, F. R. (1 E-ME)	Greenwood
Pardue, G. S. (2 ME)	Aiken
Parham, T. M. (1 A)	Latta
Parish, D. R. (2 Ch En)	Dillon
Park, G. R. (1 E-ME)*	Winnsboro
Park, M. A. (2 A&S)	Columbia
Park, R. H. (4 EE)	Greenwood
Park, W. J. (2 A)	Greenwood
Parker, C. V. (2 ME)	Norris
Parker, J. H. (2 EE)	Norris
Parker, J. M. (2 Pre-Med)*	Charleston
Parker, J. W. (2 CE)	Camden
Parker, M. W. (2 EE)	Elloree
Parker, W. C. (3 CE)	Hendersonville, N. C.
Parkman, H. D. (2 VAE)	Saluda
Parks, R. G. (4 Arch)	Hickory, N. C.
Parr, H. L. (4 Agron)	Newberry
Parr, W. W. (1 A)*	Newberry
Parrish, C. E. (3 TE)	Cedartown, Ga.
Parsons, M. O. (1 Pre-Med)*	Hemingway
Partin, E. D. (1 E-EE)	Camden
Pate, D. D. (3 A&S)	Cassatt
Pate, H. R. (3 VAE)	Cassatt
Patrick, T. W. (3 EE)	Clemson
Patrick, W. M. (3 CE)	Ruffin
Patterson, G. L. (1 A)	Calhoun Falls
Patterson, I. N. (1 E-ME)	Clemson
Patterson, J. V. (1 T-TM)	Clemson
Patterson, M. B. (2 TM)	Lanford Station
Patterson, N. W. (2 A)	Saluda
Payne, R. T. (2 EE)	Charlotte, N. C.
Paysinger, R. B. (4 GS)	Ninety Six
Paysinger, S. B. (2 ME)	Ninety Six
Peake, T. H. (4 Ch-En)	Union
Peake, W. D. (1 Ar En)*	Arlington, Va.
Pearson, W. A. (1 E-ME)*	Greenville
Pearson, W. D. (2 Ag En)	Woodruff
Peebles, D. L. (1 VAE)	Hampton, Va.
Peek, J. M. (3 CE)	Blacksburg
Peirce, W. S. (4 ME)	Brockton, Mass.
Pender, M. T. (4 Agron)	Williston
Penn, S. (1 Arch)*	Anderson
Pennell, R. H. (1 E-CE)*	Spartanburg
Penney, C. R. (1 E-EE)	Sumter
Pennington, S. D. (3 ME)	Atlanta, Ga.
Pepper, H. C. (2 A)	Easley
Perrell, D. C. (2 CE)	Winston-Salem, N. C.
Perrin, N. M. (3 CE)	Greenville
Perry, A. T. (4 Ch-En)	Ridgeland
Perry, B. J. (3 EE)	Ridgeland
Perry, G. L. (1 E-CE)*	Clemson
Perry, J. L. (1 E-TE)*	Seneca
Perry, J. M. (4 TE)	Charlotte, N. C.
Perry, R. L. (4 ME)	Columbus, Ga.
Perry, S. L. (2 Pre-Med)	Clemson
Perry, T. C. (4 TE)	Columbus, Ga.
Perry, T. E. (1 T-TC)*	Anderson
Person, R. L. (2 EE)	Greenville
Peschl, F. C. (4 GS)	Hendersonville, N. C.
Peters, A. H. (1 E-Ch En)*	Summerville
Pettigrew, J. E. (2 VAE)	Iva
Pettigrew, J. W. (2 VAE)	Edgefield
Pettit, S. L. (1 E-CE)*	Roebuck

Name and Course	Address
Pfaff, A. S. (3 TE)	Philadelphia, Pa.
Pfersich, F. A. (3 ME)	Greenville
Phillips, A. F. (4 ME)	Charlotte, N. C.
Phillips, C. C. (1 E-EE)*	Blackville
Phillips, C. D. (2 CE)	Slater
Phillips, H. A. (3 Pre-Med)	Jesup, Ga.
Phillips, J. (3 TE)	Anderson
Phillips, R. M. (3 TE)	Glenn Springs
Phillos, N. (1 E-EE)	Greenville
Pickens, C. L. (2 TM)	Anderson
Pickens, J. P. (1 VAE)*	Madison
Pickens, L. G. (1 VAE)*	Madison
Pickens, R. E. L. (4 TE)	Greenwood
Pinckney, J. C. (2 Ag En)	Pritchardville
Pinson, C. B. (2 A&S)	Greenwood
Pinson, J. R. (4 Ind Ed)	Greenville
Pinson, J. T. (1 E-Ch En)*	Anderson
Pittman, E. H. (3 Ch-En)	Bishopville
Pitts, H. F. (4 EE)	Clinton
Pitts, W. M. (4 CE)	Camden
Platt, L. E. (2 VAE)	Meggett
Plaxico, D. L. (1 E-ME)*	Blacksburg
Plaxico, J. S. (PG)	Sharon
Player, C. B. (2 A)	Bishopville
Plyler, D. B. (2 VAE)	Monroe, N. C.
Plyler, G. P. (2 VAE)	Columbia
Poe, W. M. (PG)	Greenville
Ponder, W. G. (3 Pre-Med)	Madison, Ga.
Ponder, W. R. (2 EE)	Williston
Poole, A. C. (3 Ar En)	Enoree
Poole, J. L. (3 Arch)	Asheville, N. C.
Poole, R. C. (3 TE)	Woodruff
Poole, T. B. (2 TE)	Clemson
Poole, W. R. (2 ME)	Union
Pope, H. J. (1 Chem)*	Hemingway
Porter, W. B. (2 Ind Ed)	Winnsboro
Porter, W. M. (2 ME)	Charlotte, N. C.
Potter, A. W. (1 E-CE)*	Tampa, Fla.
Potter, J. R. (4 CE)	Spartanburg
Powell, H. B. (2 ME)	Spartanburg
Powell, J. L. (1 E-Ag En)*	Hartsville
Presher, C. H. (4 ME)	Anderson
Pressley, J. H. (2 Ch En)	Americus, Ga.
Price, C. J. (1 E-TE)*	Ninety Six
Price, C. N. (1 VAE)	Wolfton
Price, G. R. (1 Arch)	Columbia
Price, J. R. (4 ME)	Buffalo
Price, J. T. (2 EE)	Starr
Prince, C. B. (3 EE)	Fairforest
Prince, J. H. (1 E-CE)*	Abbeville
Prince, P. H. (2 ME)	Erwin, Tenn.
Pringle, W. B. (1 A&S)*	Beaufort
Printup, W. O. (3 ME)	Baltimore, Md.
Prosser, B. E. (1 VAE)*	Hyman
Provence, H. H. (2 A&S)	Greenville
Province, P. J. (2 Ch En)	Chattanooga, Tenn.
Pruitt, C. E. (1 A&S)*	Anderson
Pruitt, G. J. (2 TE)	Greer
Pruitt, J. M. (2 Ag En)	Anderson
Pruitt, J. R. (1 E-CE)	Anderson
Pruitt, L. G. (2 TE)	Anderson
Pruitt, L. H. (1 T-TM)*	Anderson
Pruitt, M. R. (1 T-TM)	Anderson
Pruitt, W. W. (3 EE)	Greenville
Puckett, L. O. (2 TM)	Charlotte, N. C.
Pulkinen, C. S. (1 E-EE)	Charleston
Punaro, A. E. (3 TE)	North Augusta
Pursley, J. M. (1 T-TM)*	Clover
Pursley, R. B. (3 Dairy)	Filbert
Pusser, L. W. (1 T-TM)	Chesterfield
Putnam, S. R. (3 Ar En)	Greenville
Quarles, R. R. (1 T-TM)	Abbeville
Quarles, W. Y. (3 TE)	Abbeville
Quattlebaum, V. K. (2 Ag En)	Williston
Quinn, D. W. (4 TE)	Pelzer
Quinn, J. M. (2 TM)	Inman
Quinn, W. A. (3 TE)	Pelzer
Quinn, W. S. (3 TE)	Pelzer
Rabey, D. W. (3 ME)	Savannah, Ga.
Rader, D. H. (4 ME)	Columbia
Ragan, J. E. (1 E-EE)*	Westminster
Ragsdale, R. E. (2 TE)	Pelzer
Raley, J. O. (4 Arch)	Bennettsville
Rambke, D. W. (3 TE)	Charleston
Ramsey, F. C. (2 TE)	Gaffney
Ramsey, H. K. (1 E-ME)*	Gaffney
Ramsey, J. W. (1 T-TM)*	York
Randall, W. B. (2 EE)	Spartanburg
Rankin, H. W. (3 VAE)	Allsbrook
Raper, D. D. (1 A)	Latta
Rash, M. C. (2 Ed)	Lockhart
Rast, S. M. (4 Pre-Med)	Manning
Ratcliffe, L. G. (3 Pre-Med)	Charlotte, N. C.
Rauch, R. J. (2 CE)	Rock Hill
Rauton, G. W. (2 A)	Johnston
Ravenel, W. F. (2 ME)	Sanford, Fla.
Rawls, C. H. (2 EE)	Rock Hill
Ray, H. E. R. (2 TE)	Olar
Ray, S. B. (2 Ch En)	Williston
Rayle, R. F. (1 Pre-Med)*	Eastover
Reames, D. L. (2 Ind Ed)	Bishopville
Reames, J. G. (2 A)	Bishopville
Reasonover, W. S. (4 Ag Ec)	Camden
Redfearn, J. B. (1 A&S)	Hartsville
Reece, P. J. (4 ME)	Pickens
Reed, H. M. (3 EE)	Panama City, Fla.
Reese, J. E. (3 GS)	Columbia
Reeves, F. M. (3 CE)	Ridgeway
Reich, K. F. (4 Chem)	Melbourne, Fla.
Reid, G. P. (2 TE)	Greenville
Reid, H. W. (1 E-ME)	Piedmont
Reid, J. R. (2 ME)	Sumter
Rentz, L. B. (4 Ag Ec)	Clemson
Revels, R. V. (2 TE)	Pineville, N. C.
Reynolds, E. H. (4 TE)	Columbia
Reynolds, G. H. (1 E-EE)*	Westminster
Reynolds, H. G. (2 Ar En)	Columbia
Reynolds, H. M. (3 Pre-Med)	Edgefield
Reynolds, L. D. (2 VAE)	Timmonsville
Rhame, E. H. (4 EE)	Sumter
Rhame, J. B. (4 TE)	Sumter
Rheney, J. W. (4 Pre-Med)	Spartanburg
Rheney, T. B. (2 CE)	Spartanburg
Rhodes, H. G. (3 Ag En)	Darlington
Rhyne, E. H. (2 A&S)	Clemson
Rhyne, F. L. (2 A&S)	Gastonia, N. C.
Rice, A. A. (2 Arch)	Anderson
Rice, D. D. (3 TE)	Anderson
Rice, P. R. (1 T-TM)*	Anderson
Rice, R. J. (2 TM)	Anderson
Richardson, C. G. (4 ME)	Orangeburg
Richardson, H. S. (1 Pre-Med)*	Slater
Richardson, R. T. (2 ME)	Gaffney
Richardson, S. S. (1 E-CE)	Sumter
Richbourg, B. F. (2 CE)	Summerton
Richbourg, C. E. (3 ME)	Liberty
Richbourg, H. L. (1 A&S)*	Dillon
Richbourg, J. A. (2 CE)	Summerton
Richbourg, J. B. (1 Pre-Med)	Union
Richbourg, M. N. (1 Pre-Med)*	Orangeburg
Richbourg, R. M. (4 VAE)	Camden
Richbourg, T. S. (3 TE)	Dillon
Richbourg, W. W. (2 Arch)	Union
Rickenbaker, T. C. (2 Arch)	St. Matthews
Riddle, F. B. (1 A&S)*	Greenville
Riddle, H. J. (1 Arch)	Spartanburg
Riddle, L. (1 T-TM)	Greenville
Ridgeway, J. L. (3 Chem)	Laurens
Ridgill, J. L. (3 CE)	Manning
Riley, F. S. (2 ME)	Hilton Village, Va.
Rinehart, M. L. (1 E-EE)	Leesville
Rinehart, W. G. (2 EE)	Leesville
Riser, C. W. (1 E-Ch En)	Lexington
Ritchie, P. L. (PG)	Clemson
Rivers, H. F. (2 ME)	Johns Island

Name and Course	Address
Rivers, J. C. S. (1 E-CE)*	Johns Island
Rivers, J. D. (2 CE)	Chesterfield
Rivers, J. L. (3 CE)	Johns Island
Rizer, I. N. (2 A)	Lodge
Robertson, H. K. (1 E-EE)*	Travelers Rest
Robinette, J. Z. (4 ME)	Pacolet
Robinson, A. B. (3 A&S)	Easley
Robinson, C. K. (1 E-EE)	Ridgeway
Robinson, G. P. (3 TE)	Lancaster
Robinson, J. H. (2 EE)	Greenville
Robinson, J. M. (2 CE)	Rembert
Robinson, R. E. (2 TM)	Greer
Robinson, W. A. (2 A&S)	Easley
Robinson, W. H. (2 GS)	Anderson
Robison, C. (2 TE)	Asheville, N. C.
Robison, M. A. (1 E-ME)*	Donalds
Rochester, D. P. (2 VAE)	Salem
Rochester, R. M. (2 EE)	Walhalla
Rochester, W. F. (2 EE)	Walhalla
Rodgers, J. H. (1 E)	Charleston
Rodgers, J. S. (2 A)	Anderson
Rodgers, M. F. (1 Ar En)*	Kingstree
Rogers, B. G. (2 Ag En)	Dillon
Rogers, C. H. (4 ME)	Hartsville
Rogers, C. R. (1 T-TM)*	Drayton
Rogers, D. D. (3 EE)	Blenheim
Rogers, E. B. (3 Ag En)	Sumter
Rogers, F. C. (4 TE)	Spartanburg
Rogers, H. V. (2 A)	Cowpens
Rogers, J. C. (2 CE)	Cowpens
Rogers, J. H. (3 AH)	Hartsville
Rogers, J. R. (1 E-Ag En)*	Piedmont
Rogers, L. (4 GS)	Clio
Rogers, W. B. (3 Chem)	Blackville
Rollins, A. W. (4 EE)	Charleston
Rollison, J. A. (2 CE)	Atlanta, Ga.
Roof, M. L. (1 T-TM)*	Chester
Roper, D. P. (1 Ed)	Spartanburg
Rosa, L. C. (2 Arch)	New York, N. Y.
Rose, A. M. (2 Chem)	Marion
Rose, L. E. (1 E-CE)*	Sardinia
Rosenberg, P. H. (4 EE)	Abbeville
Rosenkrans, D. B. (3 Agron)	Clemson
Ross, A. R. (1 E-ME)	Greenville
Ross, B. B. (2 EE)	Greer
Ross, J. G. (3 EE)	Newberry
Ross, J. W. (1 A)	Greer
Ross, L. G. (4 Ed)	West Palm Beach, Fla.
Ross, P. B. (3 EE)	Sumter
Ross, T. F. (2 ME)	Greer
Rountree, R. C. (1 E-CE)*	Augusta, Ga.
Rowell, C. S. (2 A)	Andrews
Rowell, M. W. (1 A)	Andrews
Royal, J. H. (1 E-Ag En)*	Clemson
Royals, D. O. (1 Pre-Med)	Conway
Rucker, E. G. (1 A)	St. Matthews
Rudd, O. K. (3 ME)	Savannah, Ga.
Rumler, E. C. (1 E-TE)	Easley
Rush, C. W. (4 VAE)	Greenwood
Rushton, S. E. (2 EE)	Greer
Russell, J. S. (3 EE)	Washington, D. C.
Russell, R. R. (1 E-ME)*	Columbia
Russell, S. T. (2 Ag En)	Jamestown
Rutledge, W. T. (1 E-CE)*	Easley
Ryan, T. H. (4 Hort)	Trenton
Ryan, W. T. (2 EE)	Navy Yard
Sadler, G. D. (1 E-ME)*	Charleston
Sadler, J. W. (1 E-EE)*	York
Salley, D. C. (4 ME)	Saluda, N. C.
Salley, G. P. (1 Pre-Med)*	Salley
Salley, H. C. D. (4 Agron)	Salley
Salley, N. R. (1 E-EE)	Jefferson
Salley, W. B. (1 A&S)	Orangeburg
Salters, L. W. (4 GS)	Johnston
Sample, B. F. (1 E-ME)	Saluda
Sandel, J. A. (2 CE)	Greenville
Sanders, C. B. (1 E-EE)	Anderson
Sanders, C. L. (1 T-TM)*	Anderson
Sanders, C. W. (3 Hort)	Charleston
Sanders, E. B. (4 Hort)	Ritter
Sanders, J. B. (3 ME)	Rock Hill
Sanders, J. H. (1 E-ME)*	Westminster
Sanders, Jesse W. (1 Pre-Med)*	Anderson
Sanders, John W. (4 Pre-Med)	Henderson, N. C.
Sanders, L. H. (2 A)	Union
Sanders, L. W. (1 E-CE)	Gaffney
Sanders, R. W. (1 E-Ag En)	Kline
Sanders, S. L. (1 E-EE)*	Navy Yard
Sanders, T. B. (4 ME)	Dahlonega, Ga.
Sanders, W. D. (2 ME)	Anderson
Sandifer, W. C. (1 E-EE)*	Bamberg
Sargent, F. H. (1 T-TM)	Spartanburg
Sarratt, J. H. (1 E-Ag En)*	Gaffney
Saunders, F. B. (4 EE)	Aulander, N. C.
Sawyer, B. G. (1 E)*	Ridge Spring
Saylors, A. E. (1 E-TE)	Ninety Six
Scales, C. W. (2 EE)	Greenville
Schneider, A. A. (4 TE)	Paterson, N. J.
Schrader, E. D. (1 E-ME)	Spartanburg
Schrader, M. W. (1 E-ME)	Spartanburg
Schreiber, W. E. (4 ME)	Rockland, Mass.
Schumacher, S. (4 CE)	Walhalla
Schwiers, C. H. (1 A)*	Greenville
Scoggins, J. R. (3 Ind Ed)	Smyrna
Scott, E. B. (3 EE)	Marion
Scott, H. M. (1 E-Ag En)	Aiken
Scott, J. C. (1 T-TM)	Columbia
Scott, J. R. (1 Pre-Med)*	Whitmire
Scott, W. W. (2 ME)	Ninety Six
Scurry, W. H. (2 ME)	Edgefield
Seaborn, D. K. (1 E-EE)	Walhalla
Seabrook, E. M. (2 CE)	Mount Pleasant
Seacord, J. E. (4 TE)	Greenville
Seago, B. M. (1 E-ME)*	Vancluse
Seaman, J. C. (3 ME)	Greenville
Sears, W. B. (1 T-TM)	Clemson
Seay, E. P. (2 CE)	Charleston
Sedberry, B. R. (2 Arch)	Hartsville
Seddon, F. (2 A)	Boston, Mass.
Seigler, E. W. (2 TM)	Greenwood
Self, R. C. (2 TE)	Greenville
Sellers, C. L. (1 VAE)	Mount Croghan
Senn, C. J. (3 Dairy)	Columbia
Senn, G. A. (1 E-EE)*	Spartanburg
Senn, L. H. (4 Ent)	Newberry
Senn, J. C. (1 E-EE)*	Spartanburg
Setzer, J. L. (1 E-ME)	Canton, N. C.
Severance, C. E. (2 EE)	Darlington
Sewell, W. P. (1 T-TM)*	Atlanta, Ga.
Sayle, F. W. (4 GS)	East Savannah, Ga.
Shadwell, H. C. (2 EE)	Columbia
Shanks, J. (1 Chem)	Pikesville, Md.
Sharp, D. C. (3 Agron)	Allendale
Sharp, F. A. (1 A)	Clemson
Sharpe, J. C. (2 Ag En)	Rock Hill
Sharpe, J. D. (1 E-CE)	Gaston
Shaw, J. H. (3 EE)	Cartersville, Ga.
Shealy, L. H. (2 CE)	Batesburg
Shealy, P. S. (2 EE)	Batesburg
Shealy, R. N. (1 T-TM)	Columbia
Shealy, W. L. (2 A)	Gilbert
Shelley, J. C. (3 Pre-Med)	Nichols
Shelley, L. B. (1 T-TC)	Nichols
Shelor, D. R. (2 ME)	Greenville
Shepard, J. R. (3 Arch)	Washington, D. C.
Sheppard, W. (1 Pre-For)	Beaufort
Sherard, S. W. (2 Ag En)	Abbeville
Sherard, W. H. (4 VAE)	Ninety Six
Sherer, L. D. (2 Arch)	Greenville
Sheridan, W. M. (2 EE)	Spartanburg
Sherriff, R. F. (4 TC)	Pendleton
Sherwood, E. C. (1 Pre-Med)*	Dillon
Shields, H. W. (2 Pre-Med)	Greenwood
Shillinglaw, J. R. (2 A)	Sharon
Shinta, J. F. (1 E-EE)	Greenville

Name and Course	Address
Shipman, J. H. (2 EE)	Augusta, Ga.
Shirer, J. H. (3 Ag En)	Elloree
Shirer, K. M. (1 A)	Elloree
Shirley, C. C. (1 T-TM)*	Blackstock
Shirley, E. H. (4 Arch)	Greenville
Shirley, J. H. (2 A)	Honea Path
Shirley, J. L. (2 Pre-Med)*	Sandy Springs
Shook, F. D. (1 T-TM)	Spartanburg
Shuler, H. L. (1 A)	Orangeburg
Shuler, J. B. (3 GS)	McClellanville
Shuman, C. M. (2 A)	Furman
Shuman, J. I. (1 E-CE)*	Early Branch
Shumpert, J. D. (1 E-EE)*	Pineville, N. C.
Sibley, M. E. (3 TE)	Milledgeville, Ga.
Siegel, H. J. (1 T-TM)	New York, N. Y.
Sikes, B. R. (2 ME)	Spartanburg
Simmons, F. L. (2 CE)	Clio
Simpson, D. E. (1 E-ME)	South Charleston, W. Va.
Simpson, E. P. (3 EE)	Greenville
Simpson, H. E. (2 ME)	Greenville
Simpson, J. A. (1 A)*	Richburg
Simpson, J. B. (1 E-ME)	Greenville
Simpson, J. I. (2 Ar En)	Piedmont
Simpson, J. J. (2 A&S)	Anderson
Simpson, J. M. (1 A)*	Iva
Simpson, M. W. (2 ME)	Williamston
Simpson, R. M. (1 E-ME)	Columbia
Simpson, V. B. (2 CE)	Clinton
Sims, D. E. (2 CE)	Lynchburg
Sinclair, C. W. (4 TE)	Greenville
Singleton, J. J. (1 VAE)	Westminster
Singleton, W. C. (1 E-CE)	Pickens
Siokos, G. Z. (3 EE)	Columbia
Sipple, J. H. (2 EE)	Columbia
Sistrunk, R. W. (2 TM)	Decatur, Ga.
Sites, N. R. (1 A)	White Rock
Skinner, C. F. (1 E-EE)	Woodruff
Skinner, C. R. (4 Agron)	Mayesville
Skinner, N. W. (4 EE)	Greenville
Skinner, P. B. (2 ME)	Ware Shoals
Skinner, S. H. (1 E-EE)	Woodruff
Slade, S. M. (2 Pre-For)	Edgefield
Sloan, J. W. (1 Ar En)*	Clemson
Sloan, P. H. (2 EE)	Walhalla
Sloan, W. A. (1 Arch)	Anderson
Slobodien, I. S. (4 A&S)	Plainfield, N. J.
Smarr, A. W. (2 EE)	Hickory Grove
Smith, A. M. (1 E)*	Anderson
Smith, C. B. (1 E-CE)	Gaffney
Smith, C. R. (4 Ch-En)	Rock Hill
Smith, C. T. (PG)	Columbia
Smith, C. W. (1 E-ME)	Greenville
Smith, D. D. (1 E-ME)	Atlanta, Ga.
Smith, E. A. (1 E-ME)*	Spartanburg
Smith, E. J. (1 T-TM)*	Buffalo
Smith, H. (1 Pre-Med)	Easley
Smith, H. C. (3 EE)	Oakland, Calif.
Smith, Harold E. (1 E-ME)*	Greenville
Smith, Herrin E. (2 ME)	Dover, N. C.
Smith, H. M. (2 Chem)	Rock Hill
Smith, H. Z. (4 Ag Ec)	Anniston, Ala.
Smith, I. (2 VAE)	Pickens
Smith, James A. (2 A)	Mullins
Smith, John A. (4 ME)	San Juan, P. R.
Smith, J. B. (1 Ind Phys)*	Rock Hill
Smith, J. C. (2 CE)	Easley
Smith, J. D. (3 EE)	Union
Smith, J. G. (1 VAE)	Orangeburg
Smith, J. H. (1 A)*	Aynor
Smith, J. O. (2 CE)	Elberton, Ga.
Smith, J. W. (1 T-TM)	Greenwood
Smith, K. L. (1 E-Ag En)*	Andrews
Smith, L. B. (2 VAE)	Mullins
Smith, L. S. (2 TM)*	Greenville
Smith, M. B. (3 Dairy)	Spartanburg
Smith, M. C. (2 VAE)	East Point, Ga.
Smith, M. H. (3 TE)	Great Falls

Name and Course	Address
Smith, M. M. (4 VAE)	Anderson
Smith, N. V. (3 TE)	Greer
Smith, O. L. (1 E-CE)	Anderson
Smith, P. E. (2 ME)*	Greenville
Smith, P. M. (4 Hort)	Greenville
Smith, R. C. (3 TE)	Spartanburg
Smith, R. D. (1 E-ME)*	Belton
Smith, R. E. (2 ME)	Greenville
Smith, R. G. (1 E-EE)*	Greenville
Smith, R. H. (1 E-ME)	Santurce, P. R.
Smith, Spencer C. (4 VAE)	Madison
Smith, St. Clair (1 E-EE)*	Florence
Smith, St. Clare B. (1 T-TM)	Paw Creek, N. C.
Smith, S. W. (1 E-TE)	Greenville
Smith, W. N. (4 TE)	Greenville
Smithwick, M. A. (2 ME)	Chester
Smithwick, W. A. (2 A)	Chester
Smoak, A. L. (3 VAE)	Smoaks
Snelgrove, V. O. (2 VAE)	Gilbert
Snell, A. W. (1 E-Ag En)	Elloree
Snelling, W. S. (2 A)	Pittsboro, N. C.
Snipes, H. L. (2 VAE)	Marion
Snipes, J. R. (2 TE)	Greenwood
Snipes, J. W. (2 EE)	Marion
Snoddy, S. T. (2 EE)	Ware Shoals
Sojourner, D. C. (3 ME)	St. George
Solas, J. F. (2 TE)	Greenville
Sosa, D. (3 ME)	San Juan, P. R.
Sosa, R. (PG)	San Juan, P. R.
Sowell, T. F. (2 Ag En)	Chesterfield
Sparks, E. G. (1 T-TM)	Pacolet Mills
Spearman, J. E. (3 TC)	Chattanooga, Tenn.
Spearman, W. C. (3 Dairy)	Charlotte, N. C.
Speck, R. L. (3 EE)	Charlotte, N. C.
Speissegger, H. B. (4 EE)	Charleston
Sperry, C. B. (1 Pre-Med)	Spartanburg
Sperry, C. J. (3 EE)	Spartanburg
Spiner, D. R. (2 Chem)	Tampa, Fla.
Spivey, E. P. (3 Hort)	Loris
Springs, C. E. (1 E-Ag En)	Loris
Sprouse, C. A. (4 TE)	Abbeville
Stackhouse, T. F. (3 EE)	Florence
Stacy, J. K. (2 Arch)	Savannah, Ga.
Stallcup, T. V. (1 T-TM)	Honea Path
Stallworth, W. H. (2 Ch En)	Spartanburg
Stalvey, A. D. (1 Pre-Med)*	Georgetown
Stamey, J. M. (1 E-EE)	Hartwell, Ga.
Stanek, B. J. (4 Dairy)	Lykesland
Stanley, F. B. (1 E-ME)	Marion
Stanley, J. A. (2 ME)	Sumter
Stanley, L. M. (1 A&S)	Marion
Starnes, W. H. (1 E-CE)	Salley
Stathakis, A. J. (3 Ind Ed)	Chester
Steadman, W. W. (4 GS)	Ridge Spring
Stegall, H. (1 E-ME)*	Pendleton
Stegall, W. C. (3 ME)	West Union
Stehmeyer, E. H. (3 EE)	Charleston
Stephens, W. K. (3 CE)	Canton, N. C.
Stephens, W. M. (3 ME)	Abbeville
Stevens, J. E. (3 TE)	Spartanburg
Stevens, J. P. (2 VAE)	Conway
Stevens, J. T. (2 EE)	Yonges Island
Stevenson, J. A. (1 E)*	Sumter
Stevenson, W. R. (1 Arch)*	Greenville
Stewart, C. B. (4 Ch-En)	Woodruff
Stewart, C. D. (1 E-ME)	Clemson
Stewart, H. L. (1 Arch)	Six Mile
Stewart, J. R. (1 E-EE)	Clemson
Stewart, T. D. (2 Arch)	Greenville
Stidham, R. M. (1 E-CE)	Lakeland, Fla.
Still, C. N. (2 Chem)	Greenwood
Stokes, C. L. (2 VAE)	Camden
Stone, C. B. (1 T-TM)*	Williamston
Stone, C. E. (2 EE)	Columbia
Stone, J. D. (2 TM)	Rock Hill
Stone, R. E. (3 VAE)	Pamplico
Storey, M. B. (1 E-CE)*	Eastover

Name and Course	Address
Storey, W. A. (4 EE & ME)	Greenville
Stoudenmire, W. J. (4 Ind Ed)	Orangeburg
Stover, F. R. (1 E-Ag En)*	Kershaw
Stover, L. M. (1 E-Ag En)*	Kershaw
Stowe, W. E. (4 ME)	Rock Hill
Strait, W. L. (1 Pre-Med)*	Chester
Stradley, C. D. (2 EE)	Greenville
Strange, R. H. (3 ME)	Sumter
Strasser, W. V. (4 Arch)	Louisville, Ky.
Stribling, B. H. (4 EE)	Clemson
Stribling, C. V. (1 A&S)	Seneca
Stribling, W. R. (1 A&S)	Pelzer
Strom, J. G. (2 TM)	McCormick
Stroud, D. D. (1 E-ME)*	Lyman
Stroud, L. E. (3 Dairy)	Richburg
Stuart, C. K. (4 Hort)	Coronaca
Stuart, E. D. (2 Pre-Med)	Coronaca
Stuck, W. M. (3 Agron)	Pomaria
Stuckey, G. (2 A)	Bishopville
Stukes, O. L. (1 Pre-Med)	Manning
Sturgis, W. I. (3 Ag En)	Rock Hill
Sublette, R. A. (2 TM)	Westminster
Suddeth, B. N. (2 CE)	Clinton
Suddeth, J. A. (3 Ind Phys)	Clinton
Suggs, A. M. (3 ME)	Clover
Suggs, F. D. (1 E-EE)*	Anderson
Suhr, G. F. (4 Ch En)	Augusta, Ga.
Sullivan, H. K. (1 A&S)*	Greenville
Sullivan, M. W. (2 A)	Laurens
Sullivan, S. B. (1 A&S)	Anderson
Sullivan, W. J. (1 VAE)	Walhalla
Sultis, J. E. (3 CE)	Memphis, Tenn.
Summer, O. R. (3 CE)	Newberry
Summey, J. C. (1 Arch)	Clemson
Surrett, J. L. (1 E-ME)	Central
Sutherland, A. C. (4 TC)	Columbia
Sutker, K. (2 Ag En)	McColl
Sutker, L. (1 E-Ag En)*	McColl
Sutton, B. K. (1 T-TC)*	Greenville
Swearingen, W. R. (3 A&S)	Edgefield
Sweeney, H. C. (2 ME)	Anderson
Swink, R. B. (3 EE)	Atlanta, Ga.
Switzer, W. H. (1 VAE)*	Roebuck
Swygert, L. S. (2 A)	Waterloo
Syfrett, D. D. (1 E-ME)*	Rowesville
Taber, W. R. (1 E-EE)*	Greenville
Talbert, W. C. (2 EE)	Columbia
Talley, J. H. (2 TM)*	Greenville
Tate, E. G. (3 AH)	Taylors
Taylor, A. P. (1 E-EE)*	Charleston
Taylor, B. E. (1 E-EE)*	Greer
Taylor, C. J. (4 TE)	Laurens
Taylor, F. C. (1 T-TM)	Lancaster
Taylor, H. D. (2 A)	Greenville
Taylor, J. W. (2 ME)	Ware Shoals
Taylor, R. E. (2 TC)	Newberry
Taylor, R. F. (1 VAE)	Gilbert
Taylor, R. N. (2 ME)	Spartanburg
Taylor, W. F. (1 A&S)*	Charleston
Taylor, W. H. (2 TE)	Newnan, Ga.
Tecklenburg, H. (2 Pre-Med)	Charleston
Terrell, R. C. (1 E-EE)*	Spartanburg
Terrell, W. L. (4 ME)	Jacksonville, Fla.
Terry, A. M. (1 E-EE)*	Iva
Terry, A. S. (4 Ag En)	Fountain Inn
Terry, J. E. (1 E-CE)*	Iva
Tewkesbury, A. M. (2 CE)	Aiken
Tewkesbury, P. (2 EE)	Aiken
Theodore, G. A. (4 EE)	Spartanburg
Thieker, F. H. (2 EE)	Georgetown
Thies, K. E. (3 TE)	Charlotte, N. C.
Thomas, C. C. (2 A)	Hamer
Thomas, E. L. (4 ME)	Rock Hill
Thomas, J. E. (3 CE)	Nashville, Tenn.
Thomas, J. L. (1 Ar En)*	Dillon
Thomas, J. R. (3 AH)	Dacusville
Thomas, L. P. (4 EE)	Dacusville
Thomas, R. T. (2 Arch)	Houston, Tex.
Thomas, W. F. (1 T-TM)*	Calhoun Falls
Thomas, W. H. (2 A&S)	Greenville
Thompson, C. A. (1 E-CE)*	Georgetown
Thompson, C. C. (3 ME)	Columbia
Thompson, C. H. (1 E-Ag En)*	Honea Path
Thompson, G. A. (1 E-ME)	Sumter
Thompson, G. C. (3 EE)	East Falls Church, Va.
Thompson, G. N. (1 E-Ch En)*	Langley
Thompson, H. E. (2 TM)	Honea Path
Thompson, H. T. (2 EE)	Columbia
Thompson, J. C. (1 T-TC)	Honea Path
Thompson, J. D. (2 EE)	Greenville
Thompson, J. W. (3 Ar En)	Williston
Thompson, L. W. (3 TE)	Spartanburg
Thompson, O. N. (2 CE)	Columbia
Thompson, P. A. (1 Ed)	Conway
Thompson, P. C. (1 E-EE)*	Greenville
Thornhill, T. E. (3 EE)	Charleston
Thornhill, V. N. (3 ME)	Charleston
Thornton, E. C. (2 Chem)	Spartanburg
Thrailkill, B. E. (4 Pre-Med)	Laurens
Thrailkill, J. C. (3 Pre-Med)	Saluda
Thrailkill, W. E. (3 EE)	Saluda
Tigler, L. (4 TC)	Charleston
Tillman, D. L. (2 TM)	Cheraw
Timmerman, E. M. (2 EE)	Clinton
Timmerman, G. R. (1 E)*	Ridge Spring
Timmons, C. M. (2 EE)	Greenville
Timmons, J. K. (2 CE)	Piedmont
Tinsley, J. A. (1 Ind Ed)*	Fort Mill
Tisdale, C. F. (PG)	Taylors
Todd, B. (3 VAE)	Loris
Todd, B. J. (PG)	Loris
Todd, D. P. (1 E-CE)	Charleston
Todd, J. F. (1 E-EE)*	Anderson
Todd, J. N. (1 E-EE)*	Fairfax
Todd, R. B. (1 VAE)*	Washington, D. C.
Todd, R. M. (2 TM)	Loris
Tolbert, J. A. (2 ME)	Greenville
Tomlinson, S. O. (3 VAE)	Olanta
Toms, R. B. (4 TE)	Clinton
Toney, C. C. (1 E-ME)*	Richland
Toney, H. C. (1 E-ME)*	Richland
Toomey, W. G. (1 E-Ag En)	Mount Holly, N. C.
Townes, J. H. (1 Arch)	Pickens
Townsend, R. E. (2 TM)	Laurens
Trakas, P. N. (2 EE)	Spartanburg
Trask, N. W. (3 Ag En)	Anderson
Traylor, M. H. (3 CE)	Ridgeway
Traylor, W. R. (2 A)	Ridgeway
Treadway, R. R. (1 E-ME)*	Buffalo
Trescot, J. H. (3 ME)	Columbia
Triplett, J. T. (1 E-CE)*	Chester
Tripp, G. P. (1 E-ME)*	Anderson
Trott, C. M. (3 CE)	Charleston
Trotter, D. J. (1 E-EE)*	Sumter
Trotti, L. H. (3 Ag Ec)	Chesterfield
Trowbridge, F. R. (4 Ch-En)	Aiken
Trowell, L. M. (1 A)	Lena
Truesdale, G. G. (1 VAE)	Spencer, N. C.
Truett, R. C. (3 VAE)	Timmonsville
Trumpore, A. S. (3 EE)	Beaufort
Tupper, J. (PG)	Summerville
Turnage, L. W. (2 ME)	Hartsville
Turner, H. B. (4 TE)	Forest, Va.
Turner, J. H. (1 Arch)	Pacolet
Turner, J. T. (1 E-EE)	Winnsboro
Turner, J. W. (2 ME)	Albany, Ga.
Turner, R. R. (2 A&S)	Mission, Tex.
Turner, T. A. (4 TE)	Pocahontas, Miss.
Turner, V. L. (3 Chem)	Homewood, Ala.
Turner, W. B. (1 E-EE)	Blacksburg
Tuten, C. R. (1 A)*	Ridgeland
Tuttle, E. G. (1 T-TM)	Great Falls
Twiggs, H. C. (3 Chem)	Saluda, N. C.
Tyson, S. E. (2 EE)	Strother

Name and Course	Address
Uldrick, G. E. (2 TM)	Donalds
Uldrick, J. P. (1 E-CE)*	Donalds
Uldrick, R. C. (2 Ag En)	Donalds
Ulmer, H. E. (1 Chem)*	Hartsville
Valerius, H. R. (3 TE)	University City, Mo.
Vallentine, J. G. (1 A)*	Cope
Valley, C. J. (3 Pre-Med)	Pickens
Van Duyne, E. N. (4 CE)	Pine Brook, N. J.
Van Wart, R. E. (4 ME)	Manasquan, N. J.
Varn, C. F. (3 ME)	Charleston
Varn, H. W. (2 CE)	Walterboro
Vassey, W. R. (1 T-TM)*	Marietta
Vaughan, C. C. (3 Ag En)	Jonesville
Vaughan, J. M. (1 E)*	Union
Vaughan, O. H. (1 E-ME)*	Seneca
Vaughan, R. C. (1 A)	Van Wyck
Vaughn, E. M. (2 EE)	Greenwood
Vaughn, W. D. (1 Ar En)*	Union
Vaught, F. L. (1 E-EE)*	Galivants Ferry
Vehorn, J. T. (2 EE)	Landrum
Verdin, J. K. (1 A)	Greenville
Vermillion, R. J. (1 E-ME)	Ware Shoals
Vernon, R. J. (1 E-ME)	Greenville
Vickery, A. V. (3 ME)	Hartwell, Ga.
Vickery, J. D. (2 A&S)	Central
Villepigue, H. Y. (4 ME)	Camden
Vincent, W. S. (3 TE)*	Spartanburg
Von Glahn, E. H. (1 Arch)*	Charleston
Vuksta, T. (4 ME)	Hellertown, Pa.
Waddell, K. B. (1 T-TM)*	Enoree
Waddell, N. E. (2 A&S)	Aiken
Wagner, N. P. (2 ME)	Fort Sam Houston, Tex.
Waits, J. K. (4 TC)	Goldville
Wald, E. C. (2 TM)	Seneca
Walden, C. M. (1 E-EE)	Landrum
Waldmann, B. W. (3 CE)	Charleston
Walker, C. T. (2 Pre-Med)	Summerton
Walker, D. W. (4 TE)	Anderson
Walker, G. H. (4 EE)	Clemson
Walker, H. E. (3 Pre-Med)	Anderson
Walker, H. P. (1 E-TE)	Fort Mill
Walker, J. H. (3 TE)	Griffin, Ga.
Walker, J. T. (1 VAE)	Manning
Walker, L. A. (4 EE)	Atlanta, Ga.
Walker, W. R. (1 A&S)	Fort Mill
Walker, W. S. (1 E-EE)*	Blackville
Wall, H. A. (3 VAE)	Moncks Corner
Wallace, J. B. (2 EE)	Florence
Wallace, J. R. (4 CE)	Central
Wallace, O. L. (3 Dairy)	Dillon
Wallace, T. E. (3 Agron)	Bennettsville
Walser, J. F. (1 E-ME)	Salisbury, N. C.
Walsh, B. L. (2 CE)	Johnston
Walters, C. N. (2 TE)	Lancaster
Walters, W. C. (3 Ind Ed)	Lancaster
Walton, G. T. (1 E-CE)*	Belton
Walton, J. R. (2 EE)	Johnston
Walton, W. L. (1 E-ME)	Ellenton
Wannamaker, W. F. (2 ME)	Columbia
Ward, A. G. (2 TM)	Greenville
Ward, C. W. (1 Ed)*	Timmonsville
Ward, W. A. (2 CE)	Darlington
Ware, G. D. (2 ME)	Iva
Ware, W. T. (1 E-CE)	Iva
Warner, C. H. (1 E-Ag En)*	Wagener
Warner, R. E. (2 A)	Florence
Warren, W. F. (1 Pre-Med)	Charleston
Warrick, A. E. (1 E-CE)	Old Hickory, Tenn.
Warrington, H. I. (3 ME)	Moorestown, N. J.
Warthen, D. (1 E-CE)	Asheville, N. C.
Washington, W. H. (PG)	Clemson
Washington, W. M. (4 TE)	Honea Path
Waters, J. D. (1 Arch)	Johnston
Waters, J. R. (1 E-CE)*	Beaufort

Name and Course	Address
Watkins, D. P. (3 Ar En)	Anderson
Watkins, J. M. (4 Ind Phys)	Greenwood
Watkins, W. E. (1 Ar En)*	Greenville
Watson, A. I. (1 E-EE)	Greenville
Watson, A. W. (1 E-CE)	Easley
Watson, C. K. (2 A)	Anderson
Watson, C. V. (3 EE)	Spartanburg
Watson, D. A. (4 TC)	Greenville
Watson, D. H. (1 E-ME)*	McClellanville
Watson, J. C. (4 Ag En)	Ridge Spring
Watson, J. D. (4 VAE)	Blaney
Watson, R. O. (2 Pre-Med)	Blaney
Watts, A. J. (2 ME)	Mayesville
Way, R. E. (1 E-ME)*	Branchville
Wayne, H. S. (2 EE)	Charleston
Weatherly, J. H. (1 Pre-For)*	McColl
Weaver, C. (3 A&S)	Timmonsville
Webb, C. (2 CE)	Beaufort
Webb, F. T. (1 A&S)*	Union
Webb, Joe E. (3 CE)	Saluda
Webb, John E. (4 EE)	Bishopville
Webb, J. W. (4 GS)	Brunson
Webb, R. L. (3 CE)	Virginia Beach, Va.
Webber, C. E. (3 ME)	Spartanburg
Webster, J. W. (3 TE)	Greenville
Weed, H. F. (2 A)	Irmo
Weekley, C. W. (2 Ar En)	Mobile, Ala.
Weeks, B. W. (2 A)	Raleigh, N. C.
Weeks, C. J. (2 Ind Ed)	North Augusta
Weeks, T. J. (2 ME)	Charleston
Weimortz, E. D. (3 Agron)	Williston
Weinberg, M. M. (1 A&S)*	Sumter
Weinheimer, C. A. (1 E-ME)*	Charleston
Weir, F. J. (2 TM)	Newberry
Weisner, L. E. (1 E-EE)	Laurens
Welborn, D. T. (1 A)*	Chester
Welch, J. H. (4 EE)	Florence
Welch, W. L. (1 E-ME)*	Georgetown
Wells, J. W. (2 Ar En)	Gaffney
Wells, R. E. (1 A)*	Manning
West, H. S. (1 T-TM)*	Union
West, J. R. (2 A)	Spartanburg
West, R. K. (1 Pre-Med)*	Cameron
West, W. E. (2 ME)*	Duncan
West, W. F. (2 EE)	Spartanburg
Westervelt, J. I. (3 ME)	Greenville
Westmoreland, R. N. (1 A&S)	Charlotte, N. C.
Westmoreland, W. A. (2 VAE)	Clover
Whaley, C. G. (1 E-ME)*	Centenary
Whaley, J. S. (3 Hort)	Wadmalaw Island
Whall, R. F. (4 Ch-En)	San Juan, P. R.
Wham, R. D. (1 A)*	Mountville
Whatley, J. E. (3 GS)	Greenville
Whatley, M. (2 TM)	Greenville
Wheeler, C. D. (2 EE)	Augusta, Ga.
Wheeler, R. F. (PG)	Batesburg
Whisnant, W. L. (4 ME & TE)	Charlotte, N. C.
Whitaker, H. H. (2 A)	Camden
White, H. M. (2 Ag En)	Charlotte, N. C.
White, J. L. (2 A)	McCormick
White, J. R. (1 E-ME)*	Seneca
White, L. A. (3 Agron)	Charleston
White, L. W. (1 E-CE)	Easley
White, M. S. (1 E-ME)	Charleston
White, M. W. (1 E)*	Charlotte, N. C.
White, P. J. (1 T-TM)	Greenville
White, R. M. (3 ME)	Sumter
White, R. W. (2 EE)	Greenwood
White, T. E. (1 Chem)	Anderson
White, W. P. (1 E-EE)*	Greenville
Whitesides, W. L. (4 TE)	Smyrna
Whitmire, H. B. (3 TE)	Westminster
Whitmire, J. B. (1 Ed)	Griffin, Ga.
Whitmire, T. M. (1 VAE)	Salem
Whittaker, W. E. (2 ME)	Anderson
Whitten, W. C. (4 TE)	Walhalla

Name and Course	Address
Whitworth, T. C. (1 T-TM)*	Columbia
Wicker, E. E. (1 E-EE)	Spartanburg
Wiggins, R. F. (2 Ed)	Mullins
Wiggins, R. H. (4 CE)	Little Rock
Wigington, J. T. (3 TE)	Clemson
Wilbanks, A. T. (2 TM)	Laurens
Wilburn, G. C. (3 EE)	Tillman
Wilk, J. P. (2 Arch)	East Port Chester, Conn.
Wilkerson, F. M. (2 A&S)	Hickory Grove
Wilkerson, J. S. (1 Ind Phys)*	Hickory Grove
Wilkes, L. H. (3 Ag En)	Winnsboro
Wilkins, J. B. (2 Ag En)	Gaffney
Wilkins, J. T. (1 Arch)*	Inman
Wilkins, W. M. (3 GS)	Spartanburg
Willard, C. D. (3 ME)	Whitmire
Willey, R. B. (3 TE)	Greenville
Williams, A. E. (4 TE)	Anderson
Williams, B. B. (2 TE)	Bath
Williams, C. E. (3 CE)	Rock Hill
Williams, C. F. (2 EE)	Orangeburg
Williams, C. L. (3 Chem)	Baltimore, Md.
Williams, D. D. (2 ME)	Georgetown
Williams, G. E. (2 CE)	Orangeburg
Williams, G. H. (4 CE)	Charleston
Williams, H. H. (2 TM)	Orangeburg
Williams, J. D. (4 Ag Ec)	Dacusville
Williams, J. E. (2 Arch)	Spartanburg
Williams, J. F. (2 CE)	Dacusville
Williams, J. P. (PG)	Callison
Williams, J. S. (1 T-TM)*	Anderson
Williams, J. W. (2 ME)	Spartanburg
Williams, L. P. (2 EE)	North Augusta
Williams, R. N. (1 T-TM)	Spartanburg
Williams, R. O. (4 AH)	Gresham
Williams, R. R. (2 VAE)	Swansea
Williams, S. F. (2 VAE)	Brunson
Williams, W. C. (1 E-ME)	Central
Williams, Y. E. (4 VAE)	Wagener
Williamson, C. A. (1 E-ME)	Donalds
Williamson, M. E. (3 Agron)	Donalds
Williamson, M. L. (1 Arch)*	Whitmire
Willimon, C. P. (2 A&S)	Greenville
Willis, A. (1 E-Ch En)	Chicopee, Ga.
Wilson, C. M. (1 E)*	Greenville
Wilson, C. T. (1 A&S)*	Allendale
Wilson, C. W. (1 E-Ag En)*	Landrum
Wilson, H. G. (3 Agron)	Wellford
Wilson, J. (2 TC)	Anderson
Wilson, J. K. (2 Pre-Med)	Wellford
Wilson, M. C. (1 E-CE)	Darlington
Wilson, M. E. (4 CE)	Newberry
Wilson, R. P. (3 TE)	Chesterfield
Wilson, T. R. (2 GS)	Alcolu
Wilson, W. F. (2 ME)	Greensboro, N. C.
Winburn, J. D. (3 VAE)	Hartsville
Windsor, J. E. (1 E-CE)	Ronda, N. C.
Wingard, B. B. (1 A)*	Lexington
Wingate, W. H. (2 Ch En)*	Fairhaven, Mass.
Wise, F. M. (1 A)	Trenton
Wise, J. F. (2 A)	McCormick
Wise, K. C. (2 TM)	Prosperity
Wise, L. M. (2 TM)	Greenville
Withington, C. C. (2 TE)	Greenville
Wolfe, L. K. (2 ME)	Charleston
Wolfe, T. M. (2 ME)	Orangeburg
Wood, A. L. (2 EE)	Newberry
Wood, J. C. (2 ME)	Chester
Wood, L. A. (1 T-TM)*	Ware Shoals
Wood, M. M. (2 CE)	Greer
Wood, W. A. (2 ME)	Greenwood
Wood, W. H. (2 ME)	Gray Court
Woodcock, F. E. (1 A)	Pelzer
Woodfin, H. Z. (3 AH)	Inman
Woodham, B. G. (1 Arch)*	Nashville, Tenn.
Woodside, H. F. (2 EE)	Florence
Woodson, W. W. (3 Ag En)	Central
Woodward, A. Q. (2 Chem)	Aiken
Workman, J. N. (4 Pre-Med)	McCormick
Workman, R. R. (2 Ar En)	Charlotte, N. C.
Worley, S. (1 A)	Windsor
Wright, G. C. (2 EE)	Seneca
Wright, H. G. (2 EE)	Shelton
Wright, J. M. (3 VAE)	Ward
Wright, S. P. (2 VAE)	Bishopville
Wright, W. B. (2 GS)	Anderson
Wylie, D. C. (4 AH)	Winnsboro
Wylie, W. L. (1 Pre-Med)	Winnsboro
Wyly, J. C. (1 T-TM)*	Anderson
Wyse, J. A. (1 E-EE)	Spartanburg
Yarborough, F. K. (1 E-ME)*	Mooresboro, N. C.
Yarbrough, D. R. (1 T-TM)	York
Yarbrough, L. L. (3 EE)	Thomaston, Ga.
Yarid, J. R. (1 E-EE)	Seneca
Yates, A. L. (1 Arch)*	Sumter
Yeargin, G. A. (2 Arch)	Anderson
Yobs, R. L. (2 A&S)	Columbia
Yonce, J. E. (3 A)	Johnston
Young, E. R. (1 T-TM)	Honea Path
Young, F. M. (4 ME)	Fairfax
Young, J. N. (3 Ag Ec)	Florence
Young, S. P. (1 E-Ag En)*	Dalzell
Zedaker, L. E. (1 E-ME)	Charlotte, N. C.
Zeigler, J. T. (2 CE)	Cope
Zerbst, W. R. (1 E-EE)	Charleston
Zuver, M. P. (3 VAE)	Chesterfield

†*SUPPLEMENTARY LIST OF STUDENTS, SECOND SEMESTER, 1946-1947*

Name and Course	Address
Abbott, L. D. (1 E-ME)	Senca
Adams, L. C. (S)	Clemson
Adams, M. H. (1 E-ME)*	Greenville
Alchele, J. H. (2 A-Hort)	Charleston
Almar, T. V. (1 A&S)	Beaufort
Akers, D. J. (1 A-Hort)*	Greenville
Alexander, M. C. (1 Chem)*	Walhalla
Alexander, W. Richardson (1 E-ME)*	Aiken
Allen, E. W. (4 AH)	Clio
Anderson, G. B. (1 Pre-Med)*	Chester
Anderson, H. T. (3 EE)	Greenville
Anderson, W. (1 T-TM)*	Hartwell, Ga.
Anderson, W. D. (1 E-EE)*	Greensboro, N. C.
Andryaitis, A. J. (1 E-EE)*	Pittsburg, Pa.
Anthony, A. B. (2 ME)	Pickens
Arant, H. B. (1 Pre-Med)*	Elloree
Arant, J. A. (1 A)*	Fort Motte
Ard, J. W. (2 VAE)	Hemingway
Armstrong, D. F. (3 EE)	Greenville
Arndt, O. G. (1 E-ME)*	Orangeburg

† Students enrolled for the second semester who were not enrolled for the first semester. In this list, students are classified according to their credits at the beginning of the second semester; new students admitted at the beginning of the scond semester are indicated by an asterisk (*).

Name and Course	Address
Arnold, T. L. (1 E-EE)*	Woodruff
Arnts, G. W. (1 E-CE)*	North Tonawanda, N. Y.
Ashley, R. H. (1 VAE)	Iva
Askey, C. M. (S)	Clemson
Attaway, J. M. (1 Pre-Med)*	Beaufort
Baldwin, J. D. (2 Ag En)	Greenwood
Ballenger, R. D. (1 E-EE)*	Charlotte, N. C.
Ballentine, W. W. (1 E-Ag En)	Blythewood
Bangle, H. D. (4 Arch)	Salisbury, N. C.
Bare, G. (1 A&S)*	Starr
Barksdale, W. H. (1 VAE)	Gray Court
Barnes, W. E. (2 TM)*	Rockingham, N. C.
Barnett, J. E. (2 Pre-Med)	Marietta
Barnett, P. G. (3 TC)	Aiken
Barwick, M. (1 A)*	McClellanville
Bates, B. L. (2 CE)	Hartsville
Bates, S. W. (1 E-EE)	Navy Yard
Bates, W. E. (4 TE)	Spartanburg
Battson, D. H. (1 Ed)*	Morehead, Ky.
Beam, C. C. (4 VAE)*	Lawndale, N. C.
Beam, D. G. (1 E-CE)*	Spartanburg
Bearden, M. E. (1 Pre-For)*	Walhalla
Beatty, C. H. (1 E-EE)	Dunbarton
Beck, J. E. (1 Ed)*	Hartsville
Bell, C. C. (1 A-Ag Ec)	Marion
Bell, J. P. (1 T-TM)*	North Augusta
Bell, J. W. (1 A-Hort)*	Mayesville
Bell, R. (2 Ag En)	Hartsville
Belue, H. L. (1 E-TE)	Union
Benjamin, S. (1 A&S)	Orangeburg
Bennett, R. W. (1 Pre-Med)*	Asheville, N. C.
Berman, J. A. (1 Pre-Med)*	Brighton, Mass.
Berry, J. I. (1 A-AH)*	Bowman
Besson W. T. (1 Pre-Med)*	North Augusta
Bianchi, C. A. (2 Ind Ed)	Blythewood
Bibb, S. M. (1 E-EE)*	Seneca
Bird, L. S. (3 Agron)	Greenville
Biser, H. H. (1 E-Ag En)*	Columbia
Bland, J. P. (2 ME)	Johnston
Blankenship, C. P. (3 Ag Ec)	Fort Mill
Blanton, H. E. (PG EE)	Spartanburg
Bloxham, A. W. (1 T-TM)*	Lyman
Bloxham, H. C. (2 EE)*	Lyman
Bly, L. A. (1 E-ME)*	Orangeburg
Bodie, W. G. (3 EE)	Wagener
Boggs, R. V. (3 VAE)	Seneca
Bolick, R. A. (1 E-TE)	Brookford, N. C.
Bolick, W. P. (2 EE)*	Philadelphia, Pa.
Booth, L. P. (2 A)*	Sumter
Bowen, T. L. (4 CE)	Easley
Bowers, J. H. (1 Pre-Med)	Rock Hill
Boykin, F. R. (1 Ed)	Georgetown
Boykin, J. D. (1 Ed)	Georgetown
Branyon, E. H. (1 E-EE)*	Greenville
Bright, H. E. (1 T-TM)*	Liberty
Brock, J. G. (1 T-TM)*	Whitmire
Broome, W. B. (1 Ind Ed)	Landrum
Brothers, B. R. (1 A&S)*	Greenville
Browder, J. M. (1 T-TM)*	Columbia
Brown, H. B. (2 A-Dairy)*	Spartanburg
Brown, R. C. (1 A-AH)*	Spartanburg
Brown, R. S. (1 E-TE)*	Clemson
Brown, William M. (1 T-TM)*	Greenville
Brown, Wilson M. (1 E-ME)*	Waycross, Ga.
Brunson, E. M. (2 Arch)*	Estill
Brutcher, C. K. (1 Pre-Med)*	Savannah, Ga.
Bull, F. A. (2 EE)	Greenville
Bundrick, J. A. (2 CE)	Pomaria
Bunger, A. W. (1 E-ME)*	Savannah, Ga.
Burdette, J. S. (2 CE)*	Greenville
Burgess, H. A. (1 E-ME)*	Whitmire
Burley, R. H. (3 Pre-Med)*	Clemson
Burton, J. A. (2 Arch)*	Greensboro, N. C.

Name and Course	Address
Busby, A. F. (1 A)*	Anderson
Byars, W. A. (1 E-ME)*	Lowrys
Campbell, D. B. (1 A&S)*	Greenville
Campbell, G. K. (1 E-TE)*	Anderson
Campbell, T. L. (2 A-Hort)	Hartsville
Campbell, W. R. (1 E-TE)*	Anderson
Cantrell, R. B. (1 E-CE)*	Seneca
Carroll, J. H. (1 E-TE)*	Anderson
Carter, S. T. (1 Arch)*	Columbia
Carter, T. (2 TM)	Langley
Carter, W. C. (1 VAE)	Catawba
Chalmers, C. M. (1 E-TE)*	Greenwood
Chambers, J. E. (1 E-EE)*	Piedmont
Chamblee, C. D. (1 VAE)	Anderson
Chamness, W. B. (1 E-ME)*	Bennettsville
Chapman, J. B. (1 E-E)	Anderson
Chapman, L. E. (1 T-TM)*	Hartsville
Charles, T. L. (1 E-EE)*	Greenwood
Cherry, H. J. (1 A-Agron)*	Charlotte, N. C.
Chiles, J. W. (1 E-ME)*	Greenville
Chovan, T. M. (1 E-EE)*	Bethlehem, Pa.
Clardy, J. E. (2 VAE)	Wampee
Clark, G. W. (S)	Clemson
Clark, L. S. (1 A-Agron)*	Johnston
Clarkin, J. R. (1 Arch)*	Charleston
Cleveland, W. T. (1 T-TM)	Anderson
Cobb, J. C. (1 T-TM)	Cateechee
Cochran, L. M. (1 A)*	Anderson
Cochran, W. T. (2 TE)	Greenville
Cofer, C. M. (1 E-Ag En)*	Charlotte, N. C.
Coker, F. T. (2 TM)*	Columbia
Coleman, H. A. (4 ME)	Mount Pleasant
Coleman, W. R. (1 E-CE)*	Saluda
Conder, L. W. (1 A-AH)	Columbia
Conn, J. R. (1 E-TE)*	Woodruff
Connelly, G. W. (1 E-EE)*	Newberry
Connolly, H. M. (2 TM)*	Ware Shoals
Connor, J. D. (1 Pre-Med)	Walterboro
Connor, T. M. (3 CE)	Bowman
Conway, J. W. (2 EE)*	Somerville, Mass.
Cook, O. C. (1 VAE)*	Owings
Cook, W. T. (1 VAE)*	Owings
Cooper, L. R. (1 A&S)	Travelers Rest
Cooper, W. P. (1 T-TM)*	Columbia
Corley, C. C. (2 Pre-Med)	Aiken
Corn, J. P. (1 VAE)*	Greenville
Costello, W. V. (1 E-ME)*	Georgetown
Cothran, H. H. (1 T-TM)	Sandy Springs
Cothran, O. R. (1 T-TM)*	Pickens
Craven, J. C. (2 Pre-Med)	Rock Hill
Crawford, C. M. (2 Chem)	Greenville
Creech, H. L. (1 A)*	Olar
Crews, T. M. (1 Pre-Med)*	Chattanooga, Tenn.
Cribb, C. T. (1 Pre-For)*	Hemingway
Crisanti, J. W. (3 Pre-Med)	Manasquan, N. J.
Crouch, R. W. (1 E-EE)*	Greenville
Curley, J. P. (1 E-TE)*	Augusta, Ga.
Curry, J. M. (1 A-Agron)*	Gray Court
Dacus, H. C. (1 E-ME)*	Dacusville
Dalton, J. A. (3 A&S)	Seneca
Daniel, H. G. (1 E-Ch En)	Charlotte, N. C.
Daniel, R. S. (1 A)*	Millen, Ga.
Davenport, A. B. (1 Arch)*	Piedmont
Davis, D. L. (1 Chem)	Greer
Davis, H. M. (1 E-ME)*	Summerton
Day, J. E. (1 Ind Ed)*	Chester
Dees, W. M. (1 A-Hort)*	Blenheim
Demosthenes, S. A. (3 CE)	Beaufort
Dent, J. E. (1 A&S)*	Columbia
DeVore, W. N. (2 CE)	Ninety Six
Dewberry, W. E. (1 T-TM)*	Elberton, Ga.
Dixon, W. L. (1 E-EE)*	Sumter
Doyle, G. P. (2 A&S)	Buffalo, N. Y.

Name and Course	Address
Drafts, J. T. (1 Ind Ed)*	Lexington
Driver, J. P. (1 Ar En)*	Westminster
Drummond, T. L. (3 Agron)	Woodruff
Duke, L. M. (1 E-EE)	McClellanville
Dumas, A. L. (1 E-ME)*	Rockmart, Ga.
Dunn, D. L. (1 E-EE)*	Warrenville
Durden, G. D. (S)*	Clemson
Easterlin, J. R. (1 E-CE)	Bowman
Edney, R. H. (1 Ar En)*	Asheville, N. C.
Edwards, W. R. (1 A&S)*	Greenville
Ellis, Charles W. (4 GS)	Brunswick, Ga.
Ellison, J. R. (2 Ed)	Anderson
Ellison, R. C. (2 TM)*	Lancaster
Emory, W. C. (1 E-EE)*	Gastonia, N. C.
Epting, J. F. (2 EE)*	Charleston
Erkes, G. R. (2 TC)	Rock Hill
Eskridge, K. C. (1 Pre-Med)*	Cheraw
Evans, J. William (2 TE)	Pinewood
Facchin, G. J. (1 A&S)*	Brentwood, Mo.
Fair, J. H. (2 CE)	St. Matthews
Fairbanks, R. J. (1 Pre-Med)*	Greenville
Farmer, A. R. (1 Pre-For)*	Mountain Rest
Ferrier, R. C. (PG Ag Ec)	Clemson
Few, B. E. (1 E-ME)*	Pickens
Fickling, H. E. (1 A)*	Ridgeland
Finley, J. O. (1 A)	Easley
Florence, O. G. (2 EE)	Wrens, Ga.
Floyd, P. R. (2 CE)	Greenville
Forrester, J. T. (1 E-TE)*	Plum Branch
Foster, E. L. (1 Arch)*	Spartanburg
Foster, W. R. (2 Arch)	Greenville
Fowler, R. D. (1 T-TM)*	Anderson
Fowler, W. (1 E-EE)*	Pacolet Mills
Fraley, L. F. (1 Ed)*	Morehead, Ky.
Freeland, M. C. (1 Pre-For)*	Plum Branch
Freeman, C. E. (1 T-TM)*	Greenville
Frick, W. H. (2 TM)*	Newberry
Furr, E. F. (1 Pre-Med)*	Rock Hill
Gabriel, N. R. (1 Ar En)*	Memphis, Tenn.
Gaillard, J. W. (1 T-TM)*	Walhalla
Gamble, H. W. (1 E-EE)	Henry
Gambrell, H. M. (2 Ag En)	Owings
Gandy, V. (1 A&S)	Florence
Gardner, J. M. (1 E-ME)	Hartsville
Garren, C. F. (3 TE)	Greenwood
Garren, C. H. (1 T-TM)*	Calhoun, Ga.
Garren, D. H. (1 E-ME)*	Easley
Garrett, J. B. (3 EE)	Woodruff
Garrett, O. S. (1 Chem)*	Greenville
Garrett, R. H. (1 A&S)*	Greenville
Gaston, W. W. (2 A-AH)*	Richburg
Gault, C. L. (1 A-Hort)*	Union
Geddings, S. B. (2 EE)	Wedgefield
Gibbons, L. W. (1 VAE)	Turbeville
Gibby, W. J. (1 E-EE)	Greenville
Gibson, E. L. (1 E-Ag En)*	Charlotte, N. C.
Gillespie, J. F. (1 E-CE)*	Montgomery, Ala.
Ginter, W. C. (2 EE)*	Charlotte, N. C.
Glenn, J. M. (1 T-TM)*	Greenville
Godfrey, M. H. (1 E-ME)*	Greenville
Goldfinch, J. B. (1 E-ME)*	Conway
Gooch, F. M. (1 Ar En)*	Spartanburg
Graham, J. D. (1 VAE)	Conway
Graham, R. M. (1 Arch)*	Spartanburg
Gramling, J. M. (1 A-AH)	Orangeburg
Grant, W. C. (2 A-AH)	Andrews
Greene, R. L. (1 A-Ag Ec)*	Ware Shoals
Griffin, C. T. (1 Pre-For)	Anderson
Grigsby, B. L. (1 VAE)*	Saluda
Grist, W. L. (1 Pre-Med)*	York
Gulledge, J. M. (2 A-Dairy)	Callison
Guyton, L. S. (1 A)*	Pee Dee
Gwinn, W. R. (3 CE)	Roebuck
Hagen, S. A. (1 Arch)*	Abbeville
Hale, W. R. (1 E-EE)	Greenville
Hall, H. T. (1 VAE)*	Bethune
Hall, T. C. (1 A)*	Mt. Ulla, N. C.
Hamer, J. W. (2 Arch)*	Tatum
Hamilton, E. H. (2 ME)	Seneca
Hamilton, G. W. (1 T-TM)*	Whitmire
Hamilton, L. C. (1 A-Hort)*	Easley
Hammond, W. T. (3 ME)	Charleston
Hance, J. T. (1 Pre-For)*	Heath Springs
Hannah, G. R. (1 A-AH)*	Charleston
Hardwick, J. H. (1 A)	Conway
Harrington, W. L. (2 TM)	Greeleyville
Harris, G. S. (2 CE)	Daytona Beach, Fla.
Harrison, A. C. (1 T-TM)*	Spartanburg
Harrison, J. A. (1 E-ME)*	Clemson
Hart, F. M. (1 VAE)*	Kelton
Harvey, H. M. (1 E-CE)*	Pauline
Hastings, S. W. (1 A-Ag Ec)*	Norfolk, Va.
Hawkins, G. E. (3 Dairy)	Greenwood
Hazle, J. D. (1 E-TE)*	Woodruff
Hemingway, C. M. (1 E-ME)	Summerton
Herron, W. L. (1 E-EE)*	Seneca
Hicks, B. D. (1 E-ME)*	Fort Mill
Hicks, R. A. (1 T-TM)*	Winnsboro
Hill, F. D. (1 T-TM)	Spartanburg
Hill, T. E. (3 VAE)	Hartsville
Hilliard, W. W. (1 A&S)*	Heath Springs
Hittinger, E. M. (1 E-EE)*	Weatherly, Pa.
Hodge, S. E. (2 EE)	Georgetown
Hodges, W. A. (1 A&S)*	Mullins
Holden, W. I. (1 Arch)*	Central
Hollis, J. T. (1 Arch)	Union
Hoots, D. (1 VAE)*	Edneyville, N. C.
Horne, C. C. (1 E-EE)*	Charleston
Horton, E. M. (1 E-ME)*	Spartanburg
Howard, A. M. (1 E-ME)*	Greenville
Howell, C. L. (1 E-EE)*	Greer
Howell, E. S. (4 Ch-En)	Columbia
Howle, D. M. (2 Ag En)	Darlington
Hudson, D. J. (1 Ar En)*	Greenville
Huff, C. E. (1 T-TM)*	Woodruff
Huggins, J. T. (4 Pre-Med)	Johnsonville
Hunsuck, W. F. (1 E-ME)*	Whitney
Hunter, J. R. (1 Arch)	Lancaster
Ingle, J. A. (2 Ch En)*	Asheville, N. C.
Jackson, J. M. (1 E-Ch En)*	Rock Hill
Jarrett, F. A. (1 Ind Ed)*	Chester
Jenkins, A. C. (2 Pre-For)	Clemson
Jenkins, J. S. (1 E-ME)*	Gastonia, N. C.
Jenkins, L. M. (1 E-EE)	Kline
Johnson, H. T. (1 VAE)*	Inman
Johnson, R. A. (3 ME)	Pelzer
Johnson, W. B. (1 A&S)*	Greenville
Johnson, W. H. (1 E-EE)*	McConnellsville
Jones, C. L. (4 GS)	Columbia
Jones, W. A. (1 E-EE)*	Neeses
Jordan, A. B. (2 Ind Ed)	Bishopville
Jordan, H. R. (1 A&S)*	Kirkwood, Mo.
Joseph, G. J. (1 Pre-Med)*	Greenville
Kantor, N. B. (1 E)*	Brooklyn, N. Y.
Kearse, W. S. (1 A)	Yonges Island
Keller, G. L. (1 E-EE)*	Savannah, Ga.
Kendrick, T. B. (1 T-TM)*	Spartanburg
Kennick, M. S. (1 E-ME)*	Clemson
Kinard, R. H. (1 E-ME)*	Islandton
Kirby, D. A. (1 E-Ag En)*	Timmonsville
Kirkwood, C. E. (S)*	Clemson
Knight, W. E. (1 T-TM)*	Piedmont
Koopman, J. E. (3 TE)	Spartanburg
Kramer, E. H. (1 Arch)*	Brooklyn, N. Y.
LaBrasca, G. (2 A&S)	Hardeeville
Lacey, J. R. (1 A-Ag Ec)	Ravenel
Lachicotte, A. H. (2 A-Hort)	Pawleys Island
Lamar, L. H. (2 ME)	Augusta, Ga.
Lamb, B. P. (1 E-CE)*	Edgefield
Laney, J. W. (1 A)*	Bennettsville
Langley, J. F. (1 Ar En)*	Conway
Langston, C. L. (1 E-Ag En)	Darlington
Lanham, J. P. (1 A-Dairy)*	Edgefield
Laughlin, L. E. (1 A-Agron)*	Florence

Name and Course	Address
Lawrence, H. E. (2 Ch En)	Inman
Lazar, J. H. (1 A-Hort)*	Florence
Lee, H. E. (1 E-EE)*	Hampton, Va.
Lee, J. T. (1 E-Ag En)*	Hamer
Lee, W. A. (2 CE)	Elberton, Ga.
Lemmon, J. M. (1 E-Ag En)	Winnsboro
Lewis, J. B. (1 E-CE)*	York
Lewis, S. S. (1 VAE)*	Leesville
Lindsay, J. B. (3 Arch)	Clemson
Lipton, M. (3 Pre-Med)	Beaufort
Locke, J. W. (1 E-CE)*	Spartanburg
Long, E. J. (2 TM)*	Gaffney
Long, R. O. (1 E-EE)*	Walhalla
Lubash, V. (1 E-TE)*	New York, N. Y.
Lyons, J. J. (1 T-TM)*	Anderson
Lytle, T. E. (2 A-Ag Ec)*	Anderson
Lytton, J. L. (S)	Clemson
McAfee, W. A. (1 E-ME)	York
McCalla, D. B. (1 T-TM)*	Elberton, Ga.
McClellan, H. H. (1 E-ME)*	Anderson
McConnell, J. H. (2 Ind Ed)	Anderson
McCulloch, J. I. (1 E-TE)	Gaffney
McDaniel, C. E. (1 Pre-For)*	Central
McDonald, H. O. (1 E-EE)*	Hodges
McDowell, M. G. (1 A-AH)	Elliott
McEntire, J. R. (1 E-CE)*	Newberry
McKinney, D. L. (1 E-EE)*	Spartanburg
McKinney, H. E. (2 EE)*	Greenville
McKinney, R. B. (1 E-EE)*	Charleston
McLane, J. C. (3 CE)	Newberry
McLendon, C. R. (1 E)*	Columbus, Ga.
McLin, R. E. (1 E-Ag En)*	Ridgeland
McMahan, J. D. (1 E-CE)*	Columbia
McMillan, J. D. (1 E-ME)	Mullins
McNair, J. C. (1 A)	Gable
McRae, C. K. (1 A)*	Gresham
Maddox, C. J. (1 Ar En)*	Gaffney
Marshall, J. L. (3 TM)	Camden
Martin, E. M. (1 A)*	Sumter
Martin, T. F. (1 A)*	Bowersville, Ga.
Martin, W. G. (1 E-CE)*	Spartanburg
Matthews, J. S. (2 ME)	Rock Hill
May, J. D. (2 TE)	Ware Shoals
Mayson, J. M. (1 A)*	McCormick
Meketa, C. E. (1 E-ME)*	Belleville, Ill.
Melnyk, W. G. (1 Arch)*	Brooklyn, N. Y.
Merians, S. (1 A&S)*	Paterson, N. J.
Mickle, H. L. (1 T-TC)*	Rock Hill
Miller, C. L. (1 E-TE)*	Greenville
Mitchell, J. B. (2 EE)*	Saluda
Mixon, J. L. (1 E-CE)	Aiken
Mixon, L. C. (1 E-EE)*	Aiken
Montgomery, R. L. (1 E-ME)*	Anderson
Montone, N. A. (1 E-EE)*	Westminster
Monty, P. S. (2 TM)*	Charlotte, N. C.
Moon, A. B. (2 CE)*	Columbus, Ga.
Moore, H. C. (1 E-Ag En)*	Inman
Morgan, A. B. (2 CE)	New Orleans, La.
Morgan, H. E. (1 E-ME)*	Salisbury, N. C.
Morgan, S. V. (2 A)*	Richfield, N. C.
Morris, C. L. (3 Ag En)	Olar
Moyd, D. L. (1 E)	Ninety Six
Mundy, W. D. (2 Arch)	Greenville
Murphree, J. B. (1 E-ME)*	Liberty
Myers, T. N. (1 E-EE)*	Rembert
Neal, W. F. (2 VAE)	Grover, N. C.
Neeley, B. B. (1 Ar En)*	Columbia
Newton, P. B. (1 A&S)	Dillon
Nichols, S. B. (4 Chem)	Savannah, Ga.
Nicholson, J. R. (1 VAE)	Westminster
Nickles, R. B. (2 CE)	Donalds
Nipper, J. J. (2 ME)	Lowell, N. C.
Norton, R. E. (1 Ar En)*	Florence
Norwood, R. E. (3 ME)	Greenwood
Owen, R. W. (2 Pre-Med)	Batesburg
Owens, L. (1 Pre-For)*	Marion
Pace, C. L. (2 TM)	Spartanburg
Painter, J. W. (1 E-ME)*	Gaffney
Parker, J. R. (1 Pre-For)*	Anderson
Partin, G. W. (1 E-EE)*	Camden
Patten, M. I. (1 E-ME)*	Pickens
Patterson, C. W. (1 E-EE)*	Spartanburg
Patterson, J. A. (1 E-EE)	Beaufort
Pearce, H. C. (1 E-Ag En)*	Dillon
Perrone, A. J. (PG EE)	San Juan, P. R.
Peschl, A. T. (1 E-ME)*	Hendersonville, N. C.
Peterson, M. H. (S)	Clemson
Pettigrew, R. N. (1 VAE)*	Tampa, Fla.
Pettit, R. H. (3 Ind Ed)	Gaffney
Petty, C. E. (2 TM)*	North Augusta
Pitchford, E. C. (2 A&S)	Marietta, Ga.
Plyler, C. D. (1 E-EE)*	Lancaster
Poole, M. V. (3 ME)	Ware Shoals
Porter, R. B. (1 E-CE)*	Winnsboro
Poulos, J. T. (1 Ar Engr)	Spartanburg
Powers, B. L. (1 T-TC)*	Griffin, Ga.
Prince, E. W. (2 VAE)	Gurley
Propst, W. E. (1 T-TC)*	Aiken
Pruette, R. L. (1 E-TE)*	Monroe, N. C.
Putnam, C. G. (1 A)*	Shelby, N. C.
Quinn, R. W. (3 ME)*	Pacolet
Ragsdale, J. W. (2 A&S)	Blairs
Raines, R. E. (1 Ed)*	Marion
Raley, W. R. (1 E-TE)*	Bennettsville
Ratliff, W. S. (1 Pre-For)*	Fairfax
Reaves, B. M. (2 A&S)	Bishopville
Redd, C. O. (1 E-ME)*	Windsor
Revis, H. G. (1 E-EE)*	Greenville
Rice, J. H. (1 E-ME)*	Charleston
Richardson, B. G. (2 Pre-Med)	Pomaria
Richardson, F. M. (2 TM)	Greenville
Richardson, R. G. (2 EE)	Florence
Ridgeway, R. F. (4 ME)	Greenville
Riley, P. E. (1 Pre-Med)*	Middlesboro, Ky.
Riordan, J. E. (1 E-EE)*	Walhalla
Riser, W. W. (1 E-CE)*	Kinards
Risher, C. F. (1 A-Ag Ec)*	Clio
Robbs, H. W. (1 A)*	Gaffney
Roberts, W. P. (1 A-Ag Ec)*	Columbia
Robertson, W. B. (1 E-Ch En)*	Hagerstown, Md.
Robinette, J. B. (1 E-ME)*	Pacolet
Robinson, J. W. (1 T-TM)*	Anderson
Robinson, L. H. (1 E-EE)*	Greenville
Rochester, D. E. (1 E-EE)*	Walhalla
Roddey, T. T. (2 EE)	Columbia
Rogers, R. L. (1 E-TE)*	Pelzer
Ronnenberg, A. R. (1 E-ME)*	Brooklyn, N. Y.
Rosamond, H. P. (1 A&S)	Greenville
Rose, J. G. (1 Ed)	Timmonsville
Rostron, J. P. (S)*	Clemson
Ryan, W. H. (1 E-EE)*	Elizabeth, N. J.
Sadler, M. H. R. (2 Arch)	Rock Hill
Salisbury, E. T. (2 A-Dairy)	Summerville
Sasser, R. T. (1 E-TE)*	Brunswick, Ga.
Satterfield, T. A. (1 T-TM)*	Spartanburg
Saunders, C. E. (1 E-EE)*	East Gastonia, N. C.
Schmitt, K. E. (1 A&S)*	Brentwood, Mo.
Scott, J. H. (3 EE)	Prichard, Ala.
Seaborn, G. B. (2 EE)*	Central
Seaborn, G. W. (1 E-EE)*	Walhalla
Sease, F. D. (1 A)*	Ehrhardt
Segars, R. V. (2 Ag En)*	Oswego
Sellars, R. (1 E-EE)*	Gaffney
Settle, D. C. (2 A-Hort)	Inman
Sharpe, M. C. (2 ME)*	Abbeville
Shealy, E. L. (1 Ar En)*	Columbia
Shealy, J. P. (2 Ind Phys)*	Orangeburg
Shelley, E. H. (1 A)*	Nichols
Shelton, J. M. (1 Arch)	Taylors
Sherard, J. W. (1 E-EE)	Calhoun Falls
Sheriff, B. C. (1 VAE)*	Martin, Ga.
Shipman, B. C. (1 E-EE)*	Augusta, Ga.

Name and Course	Address
Shuler, O. D. (1 E-CE)	Bowman
Sisk, C. E. (1 Pre-Med)*	Walhalla
Sistare, J. D. (1 E-CE)*	Lancaster
Sloan, D. H. (4 Agron)	Mullins
Smith, B. M. (1 T-TM)*	Columbia
Smith, C. S. (1 E-ME)*	North Charleston
Smith, C. H. (1 A-AH)*	Spartanburg
Smith, F. W. (1 E-CE)*	Liberty
Smith, John W. (2 A-Ent)	Lancaster
Smith, K. Y. (1 Arch)*	Liberty
Smith, R. E. (1 E-ME)*	Seneca
Smith, R. R. (3 Pre-Med)	Charleston
Smith, W. M. (1 A)	Spartanburg
Smith, W. W. (1 A-AH)	Bowman
Sofge, J. F. (1 E-ME)*	Graniteville
Sowell, M. B. (1 VAE)*	Elloree
Stabler, E. F. (1 E-EE)*	North
Stanton, T. C. (1 E-Ag En)*	Bennettsville
Steedly, W. M. (1 A)*	Bamberg
Stewart, J. W. (1 Ed)	Easley
Stokes, P. A. (1 E-Ag En)	Darlington
Stokes, R. J. (1 Ind Ed)*	Savannah, Ga.
Stribling, H. A. L. (1 E-EE)*	Charleston
Stroud, H. D. (1 E-EE)*	Richland
Strug, J. P. (1 E-EE)*	Union
Stuck, K. E. (2 A-Ag Ec)	Pomaria
Stuckey, T. W. (1 Pre-For)	Nesmith
Sullivan, S. O. (1 E-ME)*	Anderson
Sutherland, F. E. (1 Ed)	Anderson
Sutton, K. C. (1 T-TM)*	Greenwood
Sweatte, J. E. (4 EE)	Sumter
Swygert, H. B. (1 E-ME)*	Greenville
Tarleton, H. H. (2 Arch)	Union
Tavalsky, E. J. (1 Ed)*	Johnston, Pa.
Taylor, C. C. (1 A&S)*	Greenville
Taylor, C. E. (1 Ind Ed)*	Lexington
Taylor, G. H. (1 A-Hort)*	Gilbert
Taylor, R. P. (1 E-CE)*	Greenville
Tedder, J. B. (1 E-EE)*	Cherryville, N. C.
Temple, P. C. (1 E-TE)*	Greenville
Terry, O. Q. (1 E-EE)*	Oneida, Tenn.
Thackston, F. L. (1 A&S)	Anderson
Thiele, H. J. (2 EE)	Charleston
Thomas, C. H. (1 VAE)*	Holly Hill
Thomason, J. M. (1 E-CE)*	Toccoa, Ga.
Thompson, A. L. (1 E-EE)*	Anderson
Thompson, B. G. (4 ME)	Lodge
Thompson, J. P. (1 T-TM)	Greenville
Timmerman, D. S. (1 E-EE)*	Augusta, Ga.
Timms, S. M. (1 E-EE)*	Anderson
Thorne, W. C. (2 EE)	Sumter
Tiller, H. W. (2 A)	Mayesville
Tisdale, W. M. (2 ME)	Sumter
Tobin, H. M. (1 E-CE)	North Charleston
Todd, H. D. (1 A-Ag Ec)*	Loris
Todd, L. O. (3 ME)	Fairfax
Townsend, L. M. (1 E-CE)*	Pisgah Forest, N. C.
Triplett, F. A. (3 CE)	Chester
Trueblood, L. C. (2 TM)	Asheville, N. C.
Turner, M. J. (1 E-EE)*	Gaffney
Turner, T. P. (1 E-EE)*	Gaffney
Turner, W. H. (1 Arch)*	Greenville
Turner, W. W. (1 E-Ag En)	Travelers Rest
Ullnick, B. (1 E-TE)	Paterson, N. J.
Ulmer, C. O. (2 CE)	Elloree
Ulmer, C. R. (1 E-TE)	Greenville
Veal, C. D. (1 E-Ag En)*	Cedartown, Ga.
Vick, W. T. (1 E-EE)*	Lancaster
Waddell, R. B. (2 Chem)	Charlotte, N. C.
Walker, H. O. (1 E-CE)*	Union
Wallace, A. R. (1 A&S)*	Greenville
Ward, W. B. (2 Pre-Med)	Rock Hill
Warren, T. A. (1 A-AH)*	Prosperity
Waters, W. T. (2 EE)*	Camden
Watson, H. J. (1 E-EE)*	Anderson
Watson, J. C. (1 E-ME)*	Anderson
Watson, M. C. (1 E-EE)	Ridge Spring
Webb, F. L. (PG AH)*	Beaufort
Webster, J. O. (3 Ag En)	Loris
Weeks, J. L. (1 VAE)*	Charleston
Wells, J. D. (1 E-EE)*	Sumter
West, A. E. (2 ME)*	Greenville
Wheeler, W. W. (1 A-Ag Ec)*	Oswego
Wheless, H. H. (1 E-EE)	Thomaston, Ga.
Whetstone, D. E. (1 A)*	St. Matthews
Whitaker, R. L. (1 E-TE)*	Abbeville
White, J. B. (1 T-TM)*	Abbeville
White, W. A. (1 Pre-Med)*	Sumter
White, W. C. (1 A)	Timmonsville
Whitlaw, J. L. (1 E-EE)*	North Augusta
Wilkins, R. I. (2 Arch)*	Florence
Williamson, D. M. (1 E-ME)*	Navy Yard
Williamson, H. K. (2 Pre-Med)	Lancaster
Willingham, J. E. (1 T-TM)	Goldville
Wilson, D. N. (1 E-CE)*	Greenville
Wilson, J. C. (1 E-EE)*	Greenville
Wilson, W. L. (1 T-TM)	Williamston
Winburn, W. C. (1 VAE)*	Hartsville
Winders, W. H. (1 Ed)*	Marion
Wingard, H. C. (2 ME)	Lexington
Witherspoon, S. M. (2 Pre-Med)	Marion
Withington, J. M. (1 E-ME)*	Greenville
Wolfe, J. D. (1 E-EE)*	Rock Hill
Wolkowinsky, L. R. (1 T-TM)*	Long Island, N. Y.
Womack, G. T. (3 Chem)	Cheraw
Wood, A. W. (2 Ar En)*	Greenville
Worthy, H. R. (2 ME)	Lockhart
Wyndham, E. G. (2 VAE)	Moncks Corner
Wyndham, S. F. (1 A-AH)*	Moncks Corner
Yarboro, T. W. (4 GS)	Mullins
Yarbrough, J. R. (1 Arch)	Salisbury, N. C.
Yonce, J. P. (1 T-TM)	Edgefield
Zakula, R. (1 Ed)*	Johnston, Pa.

NUMBER OF STUDENTS MAJORING IN EACH CURRICULUM

1946-1947

Classification	Agriculture	Agricultural Engineering	Pre-Forestry	Arts and Science	General Science	Industrial Physics	Pre-Medical	Chemistry	Architectural Engineering	Architecture	Engineering (unclassified)	Chemical Engineering	Chemistry-Engineering
Senior	66	8	0	6	20	1	15	9	2	11		0	16
Junior	79	23	0	10	14	1	18	10	8	14		0	3
Sophomore	104	48	4	54	8	4	56	17	17	54		22	0
Freshman	171	69	13	64	0	3	80	16	30	58	621		
Postgraduate													
Graduate													
Special													
Total	420	148	17	134	42	9	169	52	57	137	621	22	19

NUMBER OF STUDENTS MAJORING IN EACH CURRICULUM

1946-1947

Classification	Civil Engineering	Electrical Engineering	Mechanical Engineering	Textile Chemistry and Dyeing	Textile Engineering	Textile Manufacturing	Vocational Agricultural Education	Education	Industrial Education	Postgraduate	Graduate	Special	Enrollment by Classes
Senior	23	51	66	6	60	0	26	2	6				394
Junior	41	70	90	8	78	2	29	2	10				510
Sophomore	106	199	166	14	46	112	73	8	12				1124
Freshman				22	58	166	72	23	11				1477
Postgraduate										26			26
Graduate											6		6
Special												13	13
Total	170	320	322	50	242	280	200	35	39	26	6	13	3550

ENROLLMENT BY COUNTIES AND STATES

1946-1947

County	*Total*
Abbeville	49
Aiken	67
Allendale	14
Anderson	263
Bamberg	18
Barnwell	18
Beaufort	32
Berkeley	11
Calhoun	18
Charleston	145
Cherokee	42
Chester	61
Chesterfield	25
Clarendon	43
Colleton	23
Darlington	59
Dillon	32
Dorchester	11
Edgefield	32
Fairfield	31
Florence	72
Georgetown	32
Greenville	390
Greenwood	99
Hampton	15
Horry	39
Jasper	14
Kershaw	33
Lancaster	37
Laurens	49
Lee	24
Lexington	37
Marion	58
Marlboro	35
McCormick	14
Newberry	58
Oconee	170
Orangeburg	82
Pickens	167
Richland	101
Saluda	28
Spartanburg	238
Sumter	75
Union	54
Williamsburg	18
York	113
South Carolina Total	3046

State or Country	*Total*
Alabama	9
California	4
Connecticut	4
Costa Rica	3
Cuba	2
Delaware	1
District of Columbia	8
Florida	28
Georgia	129
Illinois	4
Iowa	1
Kentucky	10
Louisiana	3
Maryland	8
Massachusetts	9
Mississippi	2
Missouri	5
New Jersey	16
New York	27
North Carolina	157
Ohio	2
Pennsylvania	15
Puerto Rico	7
South Carolina	3046
Tennessee	22
Texas	7
Virginia	17
West Virginia	3
Wisconsin	1
GRAND TOTAL	3550

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THE CLEMSON AGRICULTURAL COLLEGE

RECORD

FIFTY-FIFTH YEAR

CATALOG NUMBER

1947-1948

Preliminary Announcements 1948-1949

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COLLEGE CALENDAR

SUMMER TERM 1947

Matriculation, former students	June 18
Registration, former students	June 19
Classes begin	June 20
Independence Day holidays	July 4, 5
Summer Term ends	August 20

SESSION 1947-1948

Matriculation, new students	September 8
Registration, new students	September 10
Matriculation, former students	September 11
Registration, former students	September 12
Classes begin	September 15
State Fair holidays begin at 1 p.m.	October 22
State Fair holidays end at 10 p.m.	October 26
Thanksgiving holidays begin at 1 p.m.	November 26
Thanksgiving holidays end at 10 p.m.	November 30
Christmas holidays begin at 1 p.m.	December 20
Christmas holidays end at 10 p.m.	January 4
End of First Semester	January 31
Matriculation, new students	February 2
Registration, new students	February 4
Matriculation and Registration, former students	February 5 and 6
Classes begin	February 9
Easter holidays begin at 1 p.m.	March 25
Easter holidays end at 10 p.m.	March 29
Commencement	June 6

The above schedule is subject to change by the Faculty.

SUMMER TERM 1948

Matriculation, and Registration ---------- June 18
Classes begin ---------- June 21
Independence Day Holiday ---------- July 5
Examinations ---------- August 17-19
Summer Term ends ---------- August 19

SESSION 1948-1949

Matriculation, new students ---------- September 6
Registration, new students ---------- September 8
Matriculation and Registration,
former students ---------- September 9, 10
Classes begin ---------- September 13
State Fair holidays begin at 1 p.m. ---------- October 20
State Fair holidays end at 10 p.m. ---------- October 24
Thanksgiving holidays begin at 1 p.m. ---------- November 24
Thanksgiving holidays end at 10 p.m. ---------- November 28
Christmas holidays begin at 1 p.m. ---------- December 18
Christmas holidays end at 10 p.m. ---------- January 2
End of First Semester ---------- January 29
Matriculation, new students ---------- January 31
Registration, new students ---------- February 2
Matriculation and Registration,
former students ---------- February 3, 4
Classes begin ---------- February 7
Easter holidays begin at 1 p.m. ---------- April 14
Easter holidays end at 10 p.m. ---------- April 18
Commencement ---------- June 5

1948

JANUARY

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THE CLEMSON AGRICULTURAL COLLEGE RECORD

PART I

Personnel

PART I—PERSONNEL

BOARD OF TRUSTEES

Life Members

W. W. Bradley, *Chairman*—Columbia, Richland County
Paul Sanders—Ritter, Colleton County
Christie Benet—Columbia, Richland County
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R. M. Cooper—Wisacky, Lee County
J. F. Byrnes—Spartanburg, Spartanburg County
Edgar A. Brown—Barnwell, Barnwell County

Term Expires 1950

Ben T. Leppard—Greenville, Greenville County
J. F. McLaurin—Bennettsville, Lee County
W. A. Barnette—Greenwood, Greenwood County

Term Expires 1952

F. E. Cope—Cope, Orangeburg County
T. W. Thornhill—Charleston, Charleston County
J. B. Douthit, Jr.—Pendleton, Anderson County

A. J. Brown, *Secretary*—Clemson, S. C.

STANDING COMMITTEES OF BOARD

Agricultural: Douthit, *Chairman;* Young, Cooper, Sanders, Cope, Barnette, McLaurin.

(This committee is also the Veterinary Committee, the Crop Pest Commission, and the Experiment Station Board of Control.)

Executive: Benet, *Chairman*; Young, Cooper, Byrnes, Thornhill, Leppard.

Fertilizer: Cope, *Chairman*; Barnette, Sanders, Douthit, McLaurin.

Finance: Benet, Douthit, Thornhill, McLaurin.

STATED MEETINGS OF BOARD

3:00 P.M.—Third Friday in March
3:00 P.M.—Third Friday in June
3:00 P.M.—Fourth Monday in October

BOARD OF VISITORS

1947

W. W. Smoak ---------- Walterboro
(Hold-over member)
J. T. Anderson ---------- Columbia
C. F. Colbert ---------- Charleston
S. M. Derrick ---------- Columbia
Bob Galloway ---------- Due West
Mark Hawthorne ---------- Anderson
C. P. Key ---------- Lodge
D. D. Lee ---------- Dillon
S. C. McMeekin ---------- Columbia
Roddey Reid ---------- Rock Hill
Winchester Smith ---------- Williston
Joseph Walker ---------- Columbia
George M. Wright ---------- Abbeville

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President

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First Vice-President

J. B. Caughman, '26 ---------- Columbia, S. C.

Second Vice-President

Dr. R. H. Fike, '08 ---------- Atlanta, Ga.

Secretary-Treasurer

J. H. Woodward, Ex. '03 ---------- Clemson, S. C.

Assistant Treasurer

S. W. Evans, Ex. '02 ---------- Clemson, S. C.

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District 2—H. F. Turner, Ex. '33 ---------- Greenville, S. C.
District 3—W. K. Magill, '15 ---------- Chester, S. C.
District 4—W. E. Hallman, '41 ---------- Aiken, S. C.
District 5—R. A. Easterling, '07 ---------- Denmark, S. C.
District 6—George Warren, '08 ---------- Hampton, S. C.
District 7—Paul Quattlebaum, Jr., '33 ---------- Charleston, S. C.
District 8—J. T. Lazar, '12 ---------- Florence, S. C.
District 9—Dr. R. H. Fike, '08 ---------- Atlanta, Ga.
District 10—F. J. Jervey, '14 ---------- Washington, D. C.
District 11—J. L. Young, '20 ---------- Chicago, Ill.
District 12—W. B. Camp, '16 ---------- Bakersfield, Calif.

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Cecil L. Reid, '02 ---------- Fredericksburg, Va.
W. C. Herron, '17 ---------- Anderson, S. C.

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President

ALBERT JEROME THACKSTON, JR., COLONEL, INFANTRY
U. S. ARMY
Commandant and P. M. S. and T.

ANDREW JOSEPH BROWN, B.S.
Treasurer and Secretary of Board of Trustees

SAMUEL WILDS EVANS
Treasurer Emeritus and Secretary Emeritus of Board of Trustees

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Business Manager

LEE W. MILFORD, M.D.
Surgeon

GUSTAVE ERNEST METZ, B.S., M.A.
Registrar

HERBERT PRESS COOPER, PH.D.
Dean, School of Agriculture and
Director, Agricultural Experiment Station

WILLIAM BARRE AULL, B.S.
Vice-Dean, School of Agriculture

RUPERT ALONZO McGINTY, B.S., A.M.
Vice-Director, Agricultural Experiment Station

HOWARD LOUIS HUNTER, PH.D.
Dean, School of Chemistry

FRED HARVEY HALL CALHOUN, PH.D.
Dean Emeritus, School of Chemistry

FRANCIS MARION KINARD, A.B., A.M., LITT.D.
Dean, School of Arts and Sciences

DAVID WISTAR DANIEL, A.M., LITT.D.
Dean Emeritus, School of Arts and Sciences

SAMUEL BROADUS EARLE, A.M., M.E., LL.D.
Dean, School of Engineering

JAMES HAGOOD SAMS, JR., PH.D.
Vice-Dean, School of Engineering

WILLIAM HAROLD WASHINGTON, B.S., M.S.
Dean, School of Vocational Education

HUGH MONROE BROWN, PH.D.
Dean, School of Textiles

BRUCE DAYVAULT CLOANINGER, B.S.
Secretary, Board of Fertilizer Control

**ROY AIKEN MAYS, B.SC., D.V.M.
Director of Livestock Sanitary Work, State Veterinarian

DAVID WAYNE WATKINS, B.S., M.A.
Director of Extension Service

CORNELIA AYER GRAHAM, B.S.
Librarian

**Office: John C. Calhoun State Office Building, Columbia, S. C.

FACULTY †

ROBERT FRANKLIN POOLE
President
Ph.D., Rutgers University; D.Sc., Clemson Agricultural College; LL.D., University of South Carolina

ADAMS, LEONARD CALDWELL, *Instructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1943.

ALEXANDER, THOMAS BENJAMIN, *Assistant Professor of History and Government.*
B. A., 1939, M.A., 1940, Ph.D., 1947, Vanderbilt University.

ANDERSON, GRANT WILLIAM, *Associate Professor of Bacteriology.*
B.S., D.V.M., Iowa State College, 1932; M.S., Virginia Polytechnic Institute, 1934; Graduate Work, Iowa State College, Summer, 1935.

ANDERSON, PETER MCINTOSH, *Assistant Professor of Military Science and Tactics.*
Captain, Infantry, United States Army; B.S., Clemson Agricultural College, 1935; Graduate: Company Officers Basic Course, The Infantry School, 1943.

ANDERSON, ROBERT LOVELL, *Associate Professor of Architecture.*
A.B., Princeton University, 1925; Graduate Work, Columbia University, 1925-1926; Harvard University, 1929-1930; Institute d'Art et d'Archaeologie, Sorbonne, Summer, 1929; New York University, Summer, 1936.

ARD, JAMES HAYNIE, *Assistant Professor of Agricultural Engineering.*
B.S., Texas Agricultural and Mechanical College, 1947.

ARMSTRONG, GEORGE MILLER, *Head of Botany and Bacteriology Department; Professor of Botany and Bacteriology.*
B.S., Clemson Agricultural College, 1914; M.A., University of Wisconsin, 1917; Ph. D., Washington University, 1921.

ARMSTRONG, PERCY LAMAR, *Assistant Professor of Mathematics.*
A.B., 1919; M.A., 1920, Southwestern University.

AULL, GEORGE HUBERT, *Head of Agricultural Economics and Rural Sociology Department; Professor of Agricultural Economics.*
B.S., Clemson Agricultural College, 1919; M.S., University of Virginia, 1928; Ph.D., University of Wisconsin, 1937.

AULL, WILLIAM BARRE, *Vice-Dean, School of Agriculture; Professor of Bacteriology.*
B.S., Clemson Agricultural College, 1907; Graduate Work, University of Virginia, 1909-1910; Iowa State College, Summers 1925, 1927, 1928.

BANISTER, ROBERT ALLEN, *Instructor in Mechanical Engineering.*
B.S., Clemson Agricultural College, 1939; Graduate Work, Bradley University, Summer 1947.

BAUKNIGHT, LEHMAN M., *Assistant Professor of Agricultural Economics.*
B.S., Clemson Agricultural College, 1935; Graduate Work Iowa State College, 1939-1940.

BECKER, CARL LEWIS, *Assistant Professor of Electrical Engineering.*
B.S., Brown University, 1945; M.S., Carnegie Institute of Technology, 1947.

BELL, MARSHALL CORNETT, *Assistant Professor of Mathematics.*
A.B., 1933, M.A., 1936, University of North Carolina.

†Faculty list compiled November 1, 1947.

BERRY, ERNEST B., *Instructor in Weaving and Designing.*
University of Pennsylvania, 1933-1935; Philadelphia Textile Institute, 1935-1941.

BEYER, FRANZ WILLIAM, *Assistant Professor of Electrical Engineering.*
B.A., Ohio State University, 1936; B.E.E., Ohio State University, 1939.

BLAIR, WILLIAM GARDINER, *Assistant Professor of Carding and Spinning.*
New Bedford Textile School, 1908; Clemson Agricultural College, Summer, 1927.

BOLEN, CLAUDE WALDRON, *Associate Professor of History and Government.*
A.B., Emory and Henry College, 1931; M.A., 1935, Ph.D., 1941, Duke University.

BOOKER, LEONARD ROWLAND, *Itinerant Teacher-Trainer Industrial Education.*
B.S., Clemson Agricultural College, 1925; M.S., University of Tennessee, 1932; Clemson Agricultural College, Summers 1938, 1939.

BOWEN, WILLIAM CLAYTON, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1932; M.S., Colorado State College, 1940.

BRADBURY, DOUGLAS WILSON, *Assistant Professor of Drawing.*
B.M.E., Clemson Agricultural College, 1940.

BRADLEY, MARK EDWARD, *Head of English Department; Professor of English.*
A.B., Erskine College, 1898; Graduate Work, University of Chicago, Summers 1904, 1910; University of North Carolina, Summer, 1927.

BREAZEALE, THOMAS CLARENCE, JR., *Assistant Professor of Dairying.*
B.S., Clemson Agricultural College, 1942; Graduate Work, Iowa State College, 1946.

BREWSTER, JAMES PENDLETON, *Assistant Professor of Mathematics.*
A.B., 1935, M.A., 1940, Duke University.

BROCK, DEWEY CLIFTON, *Instructor in Wood Shop.*
B.S., University of South Carolina, 1925.

BROCK, JOHN LELAND, *Acting Head of Industrial Education Department; Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1927; M.A., George Peabody College, 1936.

BROWN, HUGH MONROE, *Dean, School of Textiles.*
B.A., 1920, M.A., 1921, University of Denver; Ph.D., University of California, 1927.

BROWN, JONAS WILLIAM, *Instructor in Mathematics.*
B.S., North Carolina State College, 1931; Graduate Work, University of North Carolina, 1942; Duke University, Summers 1945, 1946, 1947.

BROWNLEY, FLOYD IRVING, JR., *Assistant Professor of Chemistry.*
B.S., Wofford College, 1939; M.S., Virginia Polytechnic Institute, 1941.

BURNET, MACCURDY, *Instructor in English.*
A.B., 1942, A.M., 1947, University of North Carolina.

BURNETTE, HOWARD WALKER, *Instructor in Mathematics.*
B.S., Clemson Agricultural College, 1942.

*BURTNER, FRANK A., JR., *Assistant Professor of Economics and Sociology.*
B.A., M.A., University of Texas, 1939; Graduate Work, University of Texas, Summer, 1940; Harvard University, Summer, 1941; Yale University 1946-1947.

BYARS, EDWARD FORD, *Instructor in Mechanics and Hydraulics.*
B.M.E., Clemson Agricultural College, 1946.

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*On leave.

BYERTS, WILLIAM EDWARD, JR., *Assistant Professor of Military Science and Tactics (Air).*

Major, United States Air Force; B.S., University of California, 1940; Graduate: The Infantry School, 1940; Air Force Primary, Basic, Advanced and Four Engine Flying Schools 1942-43; The Command and General Staff School, Air Staff Course, 1945; PAS&T Orientation Course Air Training Command, 1946.

BYNUM, WILLIAM LEWIS, *Assistant Professor of Military Science and Tactics.*

Captain, Ordnance Department, United States Army; B.S., North Carolina State College, 1937; Graduate: Ordnance General Course, The Ordnance School, 1944; Ordnance PMS&T Orientation Course, The Ordnance School, 1947.

CALHOUN, FRED HARVEY HALL, *Dean Emeritus, School of Chemistry and Geology; Professor of Geology and Mineralogy.*

B.S., 1898, Ph.D., 1902, University of Chicago.

CAMPBELL, THOMAS ALEXANDER, JR., *Associate Professor of Textiles.*

B.S., Clemson Agricultural College, 1928; M.Ed., Pennsylvania State College, 1947.

CARMICHAEL, MARSDEN BEVERLY, *Instructor in Mechanical Engineering.*

B.M.E., Clemson Agricultural College, 1947.

CARODEMUS, PETER, *Professor of Chemistry.*

B.S., Tufts College, 1922; Ph.D., Cornell University, 1927; Harvard University, Summer, 1932; Massachusetts Institute of Technology, Summer, 1941.

CARPENTER, CHARLES HAROLD, *Instructor in History and Government.*

A.B., Lenoir-Rhyne College, 1945; M.A., George Peabody College, 1946.

CARSON, JAMES ELIJAH, JR., *Instructor in Chemistry.*

B.S., Clemson Agricultural College, 1947.

CARSON, ROBERT GORDON, JR., *Assistant Professor of Textiles.*

B.S., Clemson Agricultural College, 1939.

CARTEE, EUGENE FRANKLIN, *Associate Professor of Warp Preparation and Knitting.*

B.S., Clemson Agricultural College, 1925; M.S., University of Tennessee, 1937; Graduate Work, Pennsylvania State College, Summer, 1941.

CARTER, CLIFTON WALKER, *Instructor in Drawing.*

B.S., Clemson Agricultural College, 1933.

CARTWRIGHT, OSCAR LINC, *Associate Entomologist.*

B.S., Allegheny College, 1923; M.S., Ohio State University 1925; Graduate Work, Ohio State University, 1927.

*CLARK, GRADY WAYNE, *Instructor in Physics.*

B.S., Clemson Agricultural College, 1944.

CLARKE, ELWYN LORENZO, *Head of Civil Engineering Department; Professor of Civil Engineering.*

B.S. in C.E., 1902, C.E., 1931, University of Illinois.

COHEN, HENRY RUSSELL, *Assistant Coach.*

B.S., Vanderbilt University, 1917.

COAKLEY, GEORGE EDWARD, *Assistant Professor of Military Science and Tactics.*

Captain, Infantry, United States Army; B.S., Clemson Agricultural College, 1941; Graduate: The Infantry School, Basic Course, 1941; Iceland Base Command School, 1943.

*On leave.

COKER, EDWARD CALEB, JR., *Associate Professor of Mathematics.*
B.S., University of South Carolina, 1928; M.A., University of North Carolina, 1930; Graduate Work, Brown University, 1932; University of Chicago, Summers 1936, 1938, 1939; University of Chicago, 1939-1940.

COLLINGS, GILBEART HOOPER, *Professor of Soils.*
B.S., Virginia Polytechnic Institute, 1915; M.S., University of Illinois, 1917; Ph.D., Rutgers University, 1925.

COOPER, HERBERT PRESS, *Dean, School of Agriculture; Director, Agricultural Experiment Station; Head of Agronomy Department; Professor of Agronomy.*
B.S., Clemson Agricultural College, 1911; M.S., University of Wisconsin, 1916; Ph.D., Cornell University, 1922.

COOPER, JAMES BRONAUGH, *Associate Poultry Husbandman.*
B.S., University of Kentucky, 1935; M.S., University of Kentucky, 1938.

COUCH, JAMES HOUSTON, *Instructor in Metal Shops.*
B.S., Clemson Agricultural College, 1941.

COX, H. MORRIS, *Assistant Professor of English.*
A.B., 1937, M.A., 1939, Duke University.

COX, JAMES TRAMMELL, *Instructor in English.*
A.B., University of North Carolina, 1942; Graduate Work, University of North Carolina, 1945-1946.

COX, WALTER THOMPSON, *Assistant Coach.*
B.S., Clemson Agricultural College, 1939.

CRENSHAW, WALTER JOHNSON, *Assistant Professor of Weaving.*
B.S., Clemson Agricultural College, 1938.

CROSBY, RALPH DOZIER, *Adjutant and Assistant Professor of Military Science and Tactics.*
Lieutenant Colonel, Infantry, United States Army; B.S., Clemson Agricultural College, 1938; Graduate, Company Officers' Basic Course, The Infantry School, 1940, The Command and General Staff School, 1946.

CROUCH, SYDNEY J. L., *Head of Religion Department; Professor of Religion.*
Scotch College, Western Australia, 1910; Biblical Seminary, New York, 1915; B. D. Hartford Theological Seminary, 1922; Th.D., Union Theological Seminary, Richmond, Virginia, 1937.

CURTIS, DONALD DEXTER, *Head of Mechanics and Hydraulics Department; Professor of Mechanics and Hydraulics.*
B.E., University of Iowa, 1919; M.S., University of Iowa, 1931.

CZARNITZKI, ARVID, *Assistant Professor of Textile Chemistry and Dyeing.*
B.A., Newberry College, 1923; M.A., University of South Carolina, 1936.

DANIEL, DAVID WISTAR, *Dean Emeritus, School of Arts and Sciences; Professor Emeritus of English.*
A.B., Wofford College, 1892; M.A., Vanderbilt University, 1901; Litt.D., Wofford College, 1914.

DAVIS, DUANE DAVID, *Assistant Professor of Military Science and Tactics.*
Major, Signal Corps, United States Army; B.S.C.E., Washington State College, 1938; Graduate, Signal Corps School, Company Officers' Course, 1942; The Command and General Staff School, 1943.

DEAN, JORDAN ARTHUR, *Assistant Professor of French and Spanish.*
A.B., Wofford College, 1933; M.A., Vanderbilt University, 1934; Graduate Work, University of Illinois, 1937.

DUKES, JOSEPH DONALDSON, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1943.

DUNAVAN, DAVID, *Associate Professor of Entomology and Zoology.*
B.S., Oregon Agricultural College, 1925; M.S., Iowa State College, 1928; Graduate Work, Cornell University, Summers 1929, 1931, 1935.

DUNCAN, TALMADGE EDWARD, *Associate Professor of Agricultural Education.*
B.S., Mississippi State College, 1930; Graduate Work, University of Alabama, Summers 1933, 1935, 1936, 1938; Iowa State College, Summer, 1935; Mississippi State College, Summer, 1938.

DURDEN, GEORGE DOUGLAS, *Instructor in English.*
B.S., Georgia Teachers College, 1936; M.A., Duke University, 1941.

EARLE, SAMUEL BROADUS, *Dean, School of Engineering; Professor of Mechanical Engineering; Director of Engineering Experiment Station.*
A.B., 1898, A.M., 1899, Furman University; M.E., Cornell University, 1902. LL.D., Furman University, 1932.

EATON, ROBERT KNIGHT, *Head of Carding and Spinning Department; Professor of Carding and Spinning.*
A.B., Bowdoin College, 1905; Graduate Work, Philadelphia Textile School. 1905, 1906.

EDWARDS, GEORGE HERBERT, JR., *Associate Professor of Mathematics.*
B.A., M.A., University of South Carolina, 1913; Graduate Work, University of Chicago, Summer, 1915; Columbia University, Summers, 1917, 1919.

EDWARDS, JAMES LEON, *Instructor in Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1941.

EPTING, CARL LAFAYETTE, *Associate Professor of History and Government.*
A.B., Newberry College, 1921; A.M., University of South Carolina, 1924; Graduate Work, University of South Carolina, 1926, 1928, 1932-1934; University of North Carolina, Summers 1927, 1928.

EPTING, ELISABETH GILLESPIE, *Instructor in French.*
A.B., Converse College, 1930; M.A., Duke University, 1932; L'institut de Touraine, Summer 1934; Johns Hopkins University, Summer 1936.

EVANS, CARSON DEHAY, *Instructor in Chemistry.*
A.B., Wofford College, 1940.

FEELEY, ROBERT OLIVER, *Head of Veterinary Science Department; Professor of Veterinary Medicine.*
D.V.S., New York University, 1906.

FELDER, HERMAN MCDONALD, JR., *Instructor in English.*
A.B., Wofford College, 1930; M.A., Vanderbilt University, 1937; Graduate Work, Duke University, Summers, 1933, 1934, 1946.

FERNOW, BERNHARD EDWARD, *Head of Mechanical Engineering Department; Professor of Mechanical Engineering.*
A.B., 1904, M.E., 1906, Cornell University.

FERRIER, WALLACE THOMAS, *Professor of Agricultural Economics.*
A.B., Tarkio College, 1910; M.S., Colorado State College, 1930; Ph.D. University of Minnesota, 1938.

FORD, JOHN MARTIN, *Instructor in Civil Engineering.*
B.C.E., Clemson Agricultural College, 1946.

FOSTER, CHARLES D., *Assistant Professor of Military Science and Tactics.*
Major, Corps of Engineers, United States Army; B.S., Oregon State College, 1931; Graduate: Engineer School; Instructors Course, 1941; Divisional Course, 1943; Cadre Course, 1943.

FREEMAN, EDWIN JONES, *Head of Industrial Engineering Department; Professor of Industrial Engineering.*
B.S., 1922, M.E., 1939, Clemson Agricultural College; M.S., Virginia Polytechnic Institute, 1942.

GAGE, GASTON, *Professor of Carding and Spinning.*
B.S., Clemson Agricultural College, 1921; M.Ed., Pennsylvania State College, 1941.

GARDINER, CLEMENT EDWARD, *Instructor in English.*
A.B., Princeton University, 1942.

GARRISON, OLEN BRANFORD, *Associate Professor of Horticulture.*
B.S., Clemson Agricultural College, 1933; M.S., Louisiana State University, 1934; Ph.D., Cornell University, 1939.

GATES, JOHN HOBART, *Professor of Architecture.*
B.S., Bates College, 1924; B.F.A., Yale University, 1928.

GILES, EDWARD STARKEY, *Assistant Professor of Electrical Engineering.*
B.S., Clemson Agricultural College, 1937.

*GLENN, HOWARD EMMITT, *Professor of Civil Engineering.*
B.S. in C.E., 1922, C.E., 1927, University of Kentucky; Graduate Work, Illinois Institute of Technology, Summer 1940.

*GLENN, JOE DAVIS, JR., *Instructor in Civil Engineering.*
B.C.E., Clemson Agricultural College, 1942.

GODFREY, WILLIAM EMERA, *Professor Emeritus of Physics; Head of Physics Department, Emeritus.*
A.B., 1893, A.M., 1898, Mercer University; Graduate Work, University of Chicago, Summers 1898, 1899, 1900; Cornell University 1906-1907.

GODLEY, WILLIE CECIL, *Assistant Professor of Animal Husbandry.*
B.S., Clemson Agricultural College, 1943.

GOODALE, BEN EDMUND, *Professor of Dairying.*
B.S., 1922, M.S., 1929, Iowa State College.

GRAHAM, JOHN SMITH, *Assistant Professor of Research and Testing.*
B.S., Clemson Agricultural College, 1943.

GREEN, CLAUD BETHUNE, *Assistant Professor of English.*
B.A., 1935, M.A., 1938, University of Georgia; Graduate Work, University of North Carolina, Summer, 1938; University of Georgia, 1938-1940; Duke University, Summer, 1941; Yale University, 1946-1947.

GREEN, JOSEPH COLEMAN, *Professor of English.*
B.A., 1920, M.A., 1924, Ph.D., 1937, Vanderbilt University.

HAIGLER, JESS SUMMERS, *Instructor in Architecture.*
Clemson Agricultural College, 1940-1943; 1946-1947.

HALL, WALTER FRANKLIN, *Assistant Professor of Military Science and Tactics.*
Major, Quartermaster Corps, United States Army; B.S., 1930, M.A., 1931, George Peabody College for Teachers; ROTC Orientation Course, 1946.

HALLMARK, GLEN DUNCAN, *Associate Professor of Electrical Engineering.*
B.S. in E.E., 1935, M.S. in E.E., 1946, Texas A. & M. College.

*HANCE, LACONIA HINSON, *Instructor in Weaving and Designing.*
B.S., Clemson Agricultural College, 1946.

HARLEY, JAMES HADLEY, *Instructor in Mechanics and Hydraulics.*
B.C.E., Clemson Agricultural College, 1946.

HARRIS, DAVID NIVIN, *Assistant Professor Emeritus of Drawing.*
B.S., Clemson Agricultural College, 1908.

*HAUSER, EDWARD RICHARD, *Associate Professor of Animal Husbandry.*
B.S., University of Wisconsin, 1938; M.S., Oklahoma A. & M. College, 1939; Graduate Work, Iowa State College, Summer 1942.

*On leave.

HENDRICKS, THOMAS ANDREW, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1937.

HEYN, ANTONIUS NICOLAAS JOHANNES, *Professor of Natural and Synthetic Fibers.*
B.S., and M.S., Utrecht University, 1929; Ph.D., Utrecht University 1931; Fellowship with Rockefeller Foundation, College de France, 1932-1933.

HIND, ALFRED THOMAS, JR., *Instructor in Mathematics.*
A.B., 1934; M.A., 1936, Emory University; Graduate Work, Columbia University, 1937-1938.

*HOBSON, JAMES HARVEY, *Assistant Professor of Chemistry.*
B.S., University of South Carolina, 1939; M.S., Emory University, 1947.

HODGE, WYLIE FORT DUPRE, *Assistant Professor of Architecture.*
Clemson Agricultural College, 1907-1908, 1908-1909; New York School of Fine and Applied Arts, 1915-1916, 1920-1921; R.R. Gallerie di Firenze, Italy, Summer, 1931.

HODGES, BAXTER HOWARD, *Assistant Professor of Chemistry.*
B.S., Clemson Agricultural College, 1933; Graduate Work, University of North Carolina, Summers 1935, 1936, 1937, 1938, 1939; Virginia Polytechnic Institute, Summers 1940, 1941, 1942.

HOLMES, ALESTER GARDEN, *Professor of History.*
B.S., The Citadel, 1897; Graduate Work, University of Chicago, Summer 1911.

HOLT, ALBERT HAMILTON, *Instructor in English.*
A.B., 1939, M.A., 1947, University of North Carolina.

HOWARD, FRANK JAMES, *Head Coach of Intercollegiate Athletics.*
B.S., University of Alabama, 1931.

HUBBARD, JULIUS CLIFFORD, JR., *Instructor in Weaving.*
B.S., Clemson Agricultural College, 1942.

HUENERS, GEORGE WILLIAM, *Assistant Professor of Military Science and Tactics (Air).*
Captain, United States Air Force; D.C., Ph.C., Texas Chiropractic College, 1940; Graduate: Primary, Basic, Advanced Flying Schools, 1941-42, AAF School of Applied Tactics, 1942; Command and General Staff School, Air Staff Course, 1946; PAS&T Orientation Course, Air Training Command, 1946; Transportation Refresher Course Air Defense Command, 1947.

HUFF, LORENZ DITMAR, *Head of Physics Department; Professor of Physics.*
A.B., 1927, M.S., 1928, Oklahoma University; Ph.D., California Institute of Technology, 1931.

HUGHES, DAVIS GREGORY, *Instructor in Drawing.*
B.S., Clemson Agricultural College, 1939.

HUMPHREYS, HAROLD WESLEY, *Assistant Professor of Mechanics and Hydraulics.*
B.C.E., North Carolina State College, 1943.

HUNTER, HOWARD LOUIS, *Dean School of Chemistry and Geology; Professor of Chemistry.*
B. Chem., 1925, Ph.D., 1928, Cornell University; Massachusetts Institute of Technology, Summer 1939.

HUNTER, JOSEPH EVERETT, *Professor Emeritus of Mathematics.*
B.S., Clemson Agricultural College, 1896; Graduate Work, University of Chicago, Summers 1902, 1904, 1910; University of North Carolina, Summer 1928.

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*On leave.

HUSMANN, WERNER EMIL AUGUST, *Associate Professor of Agricultural Economics.*
B.S., University of Berlin, 1931; Ph.D., University of Berlin, 1933.

JONES, CHAMP MCMILLIAN, *Associate Professor of Agronomy.*
B.S., Clemson Agricultural College, 1939; M.S., Cornell University, 1940.

JONES, JESS WILLARD, *Associate Professor of Agronomy.*
B.S., Clemson Agricultural College, 1937; M.S., Cornell University, 1938.

JONES, ROY ALGIA, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1932.

JONES, ROBERT MORGAN, *Assistant Coach.*
B.S., Clemson Agricultural College, 1930.

KELLY, LOUIS GRANT, *Instructor in Mathematics.*
B.S., Clemson Agricultural College, 1937; Graduate Work, University of North Carolina, Summers 1938, 1939, 1940, 1941.

KERSEY, ROBERT NOEL, JR., *Instructor in Electrical Engineering.*
B.S., in E.E., Georgia School of Technology, 1942.

KINARD, FRANCIS MARION, *Dean, School of Arts and Sciences; Professor of English.*
A.B., Wofford College, 1923; A.M., University of North Carolina, 1929; Graduate Work, University of North Carolina, Summer 1930; Litt.D., Wofford College, 1944.

KIRKLEY, FRANCIS EDWARD, *Assistant Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1929; Graduate Work, Clemson Agricultural College, Summers 1938, 1939, 1940; University of Kentucky, Summers, 1942, 1943, 1946, 1947.

KIRKWOOD, CHARLES EDWARD, JR., *Assistant Professor of Mathematics.*
A.B., Lynchburg College, 1935; M.S., University of Georgia, 1937; Graduate Work, University of North Carolina, Summer 1939; Duke University, Summer 1940.

KLUGH, WILLISTON WIGHTMAN, *Professor of Drawing and Designing.*
B.S., Clemson Agricultural College, 1896; Graduate Work, Vanderbilt University, 1898; Cornell University, 1900.

LAGRONE, JOHN WALLACE, *Associate Professor of Mathematics.*
B.S., Clemson Agricultural College, 1932; M.A., Vanderbilt University, 1934; Graduate Work, University of Kentucky, 1939-1940.

*LANDER, ERNEST M. JR., *Assistant Professor of History and Government.*
A.B., Wofford College, 1937; M.A., University of North Carolina, 1939; Graduate Work, University of North Carolina, Summers 1940, 1941, 1942.

LANE, JOHN DEWEY, *Professor of English.*
A.B., Newberry College, 1920; M.A., University of Virginia, 1924; Graduate Work, Columbia University, 1928-1929; Summer 1923; George Peabody College, Summer 1935.

LAMASTER, JOSEPH PAUL, *Head of Dairy Department; Professor of Dairying.*
B.S., 1913, M.S., 1923 University of Kentucky.

LANGSTON, JAMES HORACE, *Associate Professor of Textile Chemistry and Dyeing.*
A.B., Stephen F. Austin State Teachers College of Texas, 1937; M.A., 1939, Ph.D., 1941, University of North Carolina.

LAW, WILLIAM PLAYER, *Assistant Professor of Agricultural Engineering.*
B.S., Clemson Agricultural College, 1938.

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*On leave.

LEE, RUDOLPH EDWARD, *Head of Architectural Department; Professor of Architecture.*
B.S., 1896, M. Arch. 1928, Clemson Agricultural College; Graduate Work, Zanerian Art School, Summer 1899; Cornell University, Summer 1900; University of Pennsylvania, 1901.

LEHOTSKY, KOLOMAN, *Associate Professor of Forestry.*
Forest Engineer, Bohemian Technical University, Prague, Czechoslovakia, 1928.
Ph.D., University of Michigan, 1934.

LEWIS, ALEXANDER DODGE, *Associate Professor of Mechanical Engineering.*
B.S. in M.E., University of Tennessee, 1939; MME, Yale University, 1946.

LEWIS, WILLIAM BENJAMIN, *Assistant Professor of Electrical Engineering.*
B.S.E.E., Texas A. & M. College, 1946; M.S. Texas A. & M. College, 1947.

LINDSAY, JOSEPH, JR., *Head of Textile Chemistry and Dyeing Department; Professor of Textile Chemistry and Dyeing.*
A.B., Erskine College, 1919; M.S., University of Tennessee, 1945.

LINDSEY, TATE JEFFERSON, *Professor of Physics.*
B.S., Mississippi College, 1928; Ph.D., Indiana University, 1936.

LITTLEJOHN, CHARLES EDWARD, *Assistant Professor of Chemical Engineering.*
B.S., Clemson Agricultural College, 1940; M.Ch.E., North Carolina State College, 1941; Graduate Work, Virginia Polytechnic Institute, 1946-1947.

LONG, JIM THOMAS, *Instructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1948.

MCADAMS, WILLIAM NEWTON, *Associate Professor of Agricultural Engineering.*
B.S., Clemson Agricultural College, 1938; M.S., University of Georgia, 1939.

MCCULLOCH, JOHN TALBOT, *Instructor in Architecture.*
B.S., Clemson Agricultural College, 1947.

MCELVEEN, JACKSON VAHL, *Instructor in Economics.*
B.S., Clemson Agricultural College, 1946.

MCGARITY, HUGH HARRIS, *Director of Music; Assistant Professor of Music.*
B.F.A., University of Georgia, 1940; M.F.A., University of Georgia, 1946; Graduate Work, University of Southern California, Summer, 1947.

MCGEE, CHARLES M., JR., *Instructor in English.*
A.B., Furman University, 1934; A.M., Duke University, 1941; Graduate Work, Duke University, 1946.

MCHUGH, CARL MANNING, *Instructor in Drawing.*
B.S., Clemson Agricultural College, 1936.

MCILWAIN, JAMES HAROLD, *Instructor in Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1947.

MCFADDEN, JAMES BANKS, *Assistant Coach.*
B.S., Clemson Agricultural College, 1940.

MCGINTY, RUPERT ALONZO, *Vice-Director of Agricultural Experiment Station.*
B.S., Alabama Polytechnic Institute, 1913; A.M., Washington University, 1919; Graduate Work, Cornell University, 1926-1927.

MCKENNA, ARTHUR ERNEST, *Head of Weaving and Designing Department; Professor of Weaving and Designing.*
Graduate Rhode Island School of Design, 1922; Bradford-Durfee Textile School, 1925; B.S., Clemson Agricultural College, 1930; M.S., University of Tennessee, 1933.

McMillan, Covington, *Assistant Coach.*
B.S., Clemson Agricultural College, 1930; M.A., George Peabody College, 1935.

MacDonald, James, Jr., *Instructor in Textiles.*
B.S., North Carolina State College, 1947.

*MacIntosh, Fred Henry, *Assistant Professor of English.*
A.B., University of South Carolina, 1936; M.A., Duke University, 1942; Graduate Work, Duke University, 1946.

Marshall, John Logan, *Head of Wood Shop Department; Associate Professor of Wood Work.*
B.S., Clemson Agricultural College, 1909; Graduate Work, Bradley Polytechnic Institute, 1919.

Martin, Rhett Felder, Jr., *Instructor in Physics.*
B.S., Clemson Agricultural College, 1947.

Martin, Samuel Maner, *Professor of Mathematics; Head of Mathematics Department, Emeritus.*
B.S., The Citadel, 1896; Graduate Work, Cornell University, Summer, 1900; Harvard University, Summer 1904; University of Chicago, Summer 1908.

Mathews, Andrew Clark, *Associate Professor of Botany.*
A.B., 1928; M.S., 1931; Ph.D., 1939, University of North Carolina.

Mauldin, William Lawrence, *Assistant Professor of Chemistry.*
B.S., Furman University, 1936; M.A., University of North Carolina, 1939; Graduate Work, University of North Carolina, 1939-1940.

Meeks, Charles Davenport, *Instructor in Forge and Foundry.*
B.M.E., Clemson Agricultural College, 1942.

Meiburg, Albert Lunney, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1947.

Menius, Arthur Clayton, Jr., *Associate Professor of Physics.*
A.B., Catawba College, 1937; Ph.D., University of North Carolina, 1942.

Metz, Gustave Ernest, *Registrar.*
B.S., Clemson Agricultural College, 1927; M.A., University of North Carolina, 1928; Graduate Work, University of North Carolina, 1928-1929; Ohio State University, Summer 1930; Teachers College, Columbia University, 1931-1932; University of Chicago, Summer 1939.

Miller, William Gilbert, *Assistant Professor of Mathematics.*
A.B., Birmingham Southern College, 1931; M.A., University of Florida, 1933; Graduate Work, University of Florida, Summer 1933.

Mills, Frank Coxe, *Assistant Professor of Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1940; M.S., Georgia School of Technology, 1947.

Mitchell, Jack Harris, *Professor of Chemistry.*
B.S., 1903, M.S., 1904, Alabama Polytechnic Institute; M.S., University of Illinois, 1911.

Mitchell, James Harvey, *Instructor in Physics.*
B.S., Furman University, 1926; M. Ed., Duke University, 1936.

Monroe, James Beasley, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1915; M.S., Texas A. & M. College, 1935; Graduate Work, Cornell University, Summer 1938.

Moorman, Robert Wardlaw, *Assistant Professor of Mechanics and Hydraulics.*
B.C.E., Clemson Agricultural College, 1940; M.S., State University of Iowa, 1947.

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*On leave.

MORGAN, CHARLES LEE, *Head of Poultry Husbandry Department; Professor of Poultry Husbandry.*
B.S., 1918, M.S., 1927, University of Kentucky; Graduate Work, University of Wisconsin, 1931-1932.

MORGAN, HUBERT LEE, JR., *Assistant Professor of Electrical Engineering.*
B.S. in E.E., 1938, M. of E.E., 1940, North Carolina State College.

MUSSER, ALBERT MYERS, *Head of Horticulture Department; Professor of Horticulture.*
B.S., University of Florida, 1918; Graduate Work, Michigan State College, 1930, 1933.

NAUCK, DONALD ADAMS, *Assistant Professor of Military Science and Tactics.*
Captain, Signal Corps, United States Army; B.S.E.E., Montana State College, 1934; Graduate: The Signal Corps School, 1941, Army Air Force School of Applied Tactics, 1943.

NORMAN, CLARENCE C., *Associate Professor of Civil Engineering.*
B.S., in C.E., Iowa State College, 1929; Graduate Work, Iowa State College, Summers 1946, 1947.

NORMAN, ABSALOM WILLIS, *Assistant Coach.*
A.B., Roanoke College, 1913.

NUTT, GEORGE BASS, *Head of Agricultural Engineering Department; Professor of Agricultural Engineering.*
B.S., Mississippi State College, 1930; M.S., Iowa State College, 1940.

OWINGS, MARVIN ALPHEUS, *Associate Professor of English.*
A.B., Wofford College, 1931; M.A., 1932, Ph.D., 1941, Vanderbilt University.

PETERSON, WEBER HJALMAR, *Associate Professor of Agricultural Economics.*
B.S., Montana State College, 1936; M.S., Montana State College, 1938; Ph.D., University of Minnesota, 1947.

PETROFF, GILMER, *Assistant Professor of Architecture.*
Yale School of Fine Arts, 1932-1933; Summer 1933; University of Wisconsin, Summer 1932; Europe, 1931, Mexico, Winter, 1934.

POE, HERBERT VERNON, *Assistant Professor of Electrical Engineering.*
B.S., in E. E., North Carolina State College, 1944.

POLK, HENRY TASKER, *Associate Professor of Chemistry.*
B.S., 1931, M.S., 1933, University of Kentucky; Ph.D., Cornell University, 1938.

POLLARD, FRANK H., *Professor of Chemistry.*
B. of Chem., 1916, Ph.D., 1922, Cornell University.

POWERS, RICHARD, *Assistant Professor of Economics.*
B.S., 1944, M.A., 1945, Ph.D., 1947, University of Virginia.

PURSER, D. I., *Assistant Professor of English.*
B.A., Furman University, 1937; M.A., Duke University, 1941.

RABE, ROBERT JAMES, *Instructor in Civil Engineering.*
B.S.E., University of Michigan, 1947.

RATHBUN, KENNETH CHARLES, *Assistant Professor of Mechanical Engineering.*
B.S.M.E., University of Virginia, 1942.

REED, ALBERT RAYMOND, *Associate Professor of Physics.*
A.B., Wofford College, 1925; M.S., University of South Carolina, 1931; Graduate Work, University of North Carolina, Summers 1931, 1933.

REICH, KARL FREDERICK, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1947.

RHODES, SAM ROSEBOROUGH, *Head of Electrical Engineering Department; Professor of Electrical Engineering.*
B.L., 1900, M.S., 1901, Furman University; B.S., 1907, E.E., 1928, Clemson Agricultural College.

RHYNE, ORESTES PEARL, *Head of Modern Language Department; Professor of Modern Languages.*
A.B., Lenoir-Rhyne College, 1907; A.B., 1908, A.M., 1909, University of North Carolina; Ph.D., Johns Hopkins University, 1913; University of Heidelberg, Summer 1914; Resident in Leipzig, 1922.

RICHARDSON, DRAYTFORD, *Assistant Professor of Animal Husbandry.*
B.S., Clemson Agricultural College, 1938.

RICHARDSON, JOE BYRON, *Associate Professor of Agricultural Engineering.*
B.S., Mississipi State College, 1937; M.S., Iowa State College, 1938.

RITCHIE, PAUL LEE, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1946.

RITCHIE, ROBERT RUSSELL, *Professor of Animal Husbandry.*
B.S., 1926, M.S., 1938, Iowa State College.

ROBINSON, DAVID HUNTER, *Assistant Professor of Mechanics and Hydraulics.*
B.C.E., Clemson Agricultural College, 1941.

ROBINSON, GILBERT CHASE, *Associate Professor of Ceramic Engineering.*
B. Cer. E., North Carolina State College, 1940.

ROSENKRANS, DUANE BENJAMIN, *Professor of Botany.*
A.B., Upper Iowa University, 1911; M.A., University of Wisconsin, 1917.

ROSTRON, JOSEPH PRUGH, *Assistant Professor of Civil Engineering.*
A.A., Pasadena Junior College, 1935; B.S. in C.E., Southern Methodist University, 1941.

RUSH, JOHN MILLARD, *Associate Professor of Bacteriology.*
A.B., Indiana University, 1928; M.S., Illinois University, 1935; Ph.D., Purdue University, 1947.

RUTLEDGE, RAY WATSON, *Associate Professor of Botany.*
B.S., Union University, 1923; M.A., George Peabody College, 1924; Ph.D., University of Chicago, 1930.

SALLEY, JAMES RAWORTH, JR., *Instructor in Chemistry.*
B.S., College of Charleston, 1937.

SAMS, JAMES HAGOOD, JR., *Vice-Dean, School of Engineering; Professor of Mechanical Engineering.*
B.S., Clemson Agricultural College, 1924; E.E., Cornell University, 1926; M.S., 1931, Ph.D., 1937, University of Michigan.

SCHIRMER, FRANK BONNELL, JR., *Associate Professor of Chemistry.*
B.S., Clemson Agricultural College, 1934; Ph.D., Cornell University, 1939.

SEFICK, HAROLD JOHN, *Associate Professor of Horticulture.*
B.S., Rutgers University, 1935; M.S., Rutgers University, 1937; Graduate Work, Michigan State College, 1941-1942.

SENN, TAZE LEONARD, *Instructor in Horticulture.*
B.S., Clemson Agricultural College, 1939; Graduate Work, University of Tennessee, 1941-1942.

SHACKELFORD, MACFARLAND, *Assistant Professor of Physics.*
B.S., Virginia Polytechnic Institute, 1920.

SHELDON, DAWSON C., *Head of Mathematics Department; Professor of Mathematics.*
B.S., State College of Washington, 1925; M.A., 1927, Ph.D., 1929, University of California.

SHELLEY, ROBERT CLIFTON, *Associate Professor of Agronomy.*
B.S., Clemson Agricultural College, 1940.

SHIGLEY, JOSEPH EDWARD, *Acting Head of Drawing and Designing Department; Associate Professor of Drawing and Designing.*
B.S. in E.E., 1931, B.S. in M.E., 1932, Purdue University; M.S., University of Michigan, 1946.

SINGLETARY, ERNEST CALHOUN, *Instructor in Mechanics and Hydraulics.*
B.S., Louisiana State University, 1947.

SLOBODIEN, IRA SHELDON, *Instructor in English.*
B.S., Clemson Agricultural College, 1947.

SMITH, RUSSELL BATCH, *Assistant Professor of Military Science and Tactics.*
Lieutenant Colonel, Infantry, United States Army; B.S., United States Military Academy, 1935; Graduate: The Infantry School, Regular Course, 1940; The Command and General Staff School, 1945.

SMITH, WILLIAM ELMER, *Assistant Professor of Military Science and Tactics.*
Captain, Infantry, United States Army; B.S., Clemson Agricultural College, 1941; Graduate: Officers Advanced Course, The Infantry School, 1946-47.

STANLEY, EDWARD L., *Assistant Professor of Mathematics.*
B.S., East Tennessee State College, 1930; M.S., University of Tennessee, 1935; Graduate Work, George Peabody College, Summer 1938; University of Missouri, Summers 1940, 1941, Spring 1941.

STARKEY, LAWRENCE VINCENT, *Head of Animal Husbandry Department; Professor of Animal Husbandry.*
B.S., University of Illinois, 1914; M.S., University of Wisconsin, 1917; Graduate Work, University of Wisconsin, 1930.

STEPP, JAMES MARVIN, *Professor of Agricultural Economics.*
A.B., Berea College, 1937; M.A., 1938, Ph.D., 1940, University of Virginia.

ST. HUBERT, ROBERT LAMONTAGNE, *Visiting Professor of Architecture.*
Ecole des Beaux Arts, Paris; University of Paris.

STOOPS, CHARLES EMMET, JR., *Head of Chemical Engineering Department; Professor of Chemical Engineering.*
B.Ch.E., Ohio State, 1937; Ph.D., Purdue University, 1941.

STRIBLING, BRUCE HODGSON, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1918; M.S., Ohio State University, 1945.

STUART, CHARLES MORGAN, *Assistant Professor of Mathematics.*
A.B., Wofford College, 1920; M.A., Duke University, 1935; Graduate Work, University of South Carolina, 1938, 1945.

SULLIVAN, JOHN RUSSELL, *Instructor in Mathematics.*
A.B., Georgetown University, 1939; Graduate Work, Georgetown University, 1939-1940.

*SUTTON, JAMES FRANKLIN, *Instructor in Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1944.

TARRANT, WILLIAM EDWARD, SR., *Associate Professor of Weaving*
B.S., Clemson Agricultural College, 1927; M.Ed., Pennsylvania State College, 1947.

*On leave.

*TATE, HAROLD SIMMONS, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1925; M.A., Columbia University, 1929; Graduate Work, George Peabody College, Summers 1931, 1932; Pennsylvania State College, Summers 1936, 1937, 1938, 1939, 1940.

TAYLOR, RUPERT, *Professor of English.*
A.B., 1903, A.M., 1906, University of Arkansas; Ph.D., Columbia University, 1911.

THACKSTON, ALBERT JEROME, JR., *Professor of Military Science and Tactics; Commandant of Cadets.*
Colonel, Infantry, United States Army; B.S., Clemson Agricultural College, 1926; Graduate: The Tank School, 1929; The Infantry School, 1931; The Command and General Staff School, 1944; PMS&T Orientation Course, The Infantry School, 1946.

THODE, FREDERICK WILBUR, *Assistant Professor in Horticulture.*
B.S., Clemson Agricultural College, 1940.

THOMSON, DANIEL PARK, JR., *Assistant Professor of Carding and Spinning.*
B.S., Clemson Agricultural College, 1927; Graduate Work, Furman University, Summer, 1936, Clemson Agricultural College, Summer 1938; George Peabody College, Summer 1938.

TINGLEY, FREEMAN THAYER, *Professor of Electrical Engineering.*
B.S., 1922, E.E., 1935, Bucknell University; M.S., University of Illinois, 1929.

TREVILLIAN, WALLACE DABNEY, *Instructor in Economics.*
B.S., 1940, M.A., 1947, University of Virginia.

TRIBBLE, WILLIAM FRED, *Assistant Professor of Electrical Engineering.*
B.S., Clemson Agricultural College, 1933.

TRIVELY, ILO ALLELY, *Associate Professor of Civil Engineering.*
B.S., 1928, M.S., 1941, University of Nebraska.

TURNER, THOMAS JENKINS, *Instructor in Physics.*
B.S., University of North Carolina, 1947.

TUTTLE, JACK EDWIN, *Instructor in History and Government.*
B.A., Pennsylvania State College, 1940; Graduate Work, Pennsylvania State College, Summers 1946, 1947.

VAN BLARICOM, LESTER OSCAR, *Associate Professor in Horticultural Manufactures.*
B.S., 1938, M.S., 1940, Oregon State College.

VAUSE, ROBERT ZENO, JR., *Instructor in Mathematics.*
B.S., University of South Carolina, 1943; M.A., Duke University, 1947.

WAITE, E. EMERSON, JR., *Associate Professor of Sociology and Psychology.*
B.S., Middlebury College, 1929; M.A., Duke University, 1940.

WALTERS, JOHN VERNON, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1933; Graduate Work, Clemson Agricultural College, Summer 1938; Pennsylvania State College, Summers 1940, 1941.

WARE, ROBERT EDWARD, *Assistant Professor of Zoology and Entomology.*
B.S., Iowa Wesleyan College, 1929; Graduate Work, Iowa State College, Summers, 1931, 1932, 1938, 1940.

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*On military leave.

WARNHOFF, EDWARD HERMAN, *Associate Professor of Entomology.*
B.S., Clemson Agricultural College, 1946; M.S., Texas A.&M. College, 1947.

WASHINGTON, WILLIAM HAROLD, *Dean, School of Vocational Education; Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1920; M.S., Iowa State College, 1922; Graduate Work, Georgia School of Technology, Summer 1925; George Peabody College, Summers 1928, 1929; 1932-1933.

WATKINS, JOHN MAULDIN, JR., *Instructor in Physics.*
B.S., Clemson Agricultural College, 1947.

WATSON, ERNEST CHISOLM, *Assistant Professor of Military Science and Tactics.*
Lieutenant Colonel, Infantry, United States Army; B.S., Clemson Agricultural College, 1926; Graduate: The Armored School Advanced Tactics, 1942; Aerial Observers School, 1943; The Command and General Staff College, 1947.

WATSON, SAMUEL MCIVER, JR., *Associate Professor of Mechanical Engineering.*
A.B., Elon College, 1936; B.S., 1937, M.S., 1942, North Carolina State College.

WEBB, WILLIAM EDWARD, *Instructor in History and Government.*
A.B., Hampden Sydney College, 1943; Graduate Work, Duke University, 1945-1946, Summer 1947.

WEBBER, CLARENCE EUGENE, *Instructor in Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1947.

WHITE, THOMAS ARLINGTON, *Professor of Vocational Education.*
B.S., 1924, M.S., 1929, North Carolina State College; Ph.D., Cornell University, 1933.

WHITNEY, JOHN BARRY, JR., *Associate Professor of Botany.*
B.S., University of Georgia, 1935; M.S., North Carolina State College, 1938; Ph.D., Ohio State University, 1941.

WHITTEN, WILLIAM CLYDE, JR., *Instructor in Textiles.*
B.S., Clemson Agricultural College, 1947.

WILLIAMS, JACK KENNY, *Instructor in History and Government.*
A.B., Emory and Henry College, 1940; M.A., Emory University, 1947.

WILLIAMS, WILLIAM BRATTON, *Assistant Professor of Weaving and Designing.*
B.S., Clemson Agricultural College, 1925; Graduate Work, Pennsylvania State College, Summers 1939, 1940.

WILSON, HAROLD BETTS, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1941.

WILSON, MILNER BRADLEY, JR., *Assistant Professor of English.*
A.B., Wofford College, 1924; A.M., Columbia University, 1936.

WINTER, JAMES PAUL, *Assistant Professor of English.*
A.B., Marshall College, 1930; M.A., Columbia University, 1932; Graduate Work, Columbia University, 1932-1933, Summers 1939, 1940; New York University, Summers 1936, 1938; Tulane University, Summer 1935.

WOOD, KENNETH L., *Assistant Professor of Physics.*
B.S., Carson Newman College, 1932; M.S., University of Tennessee, 1934; Graduate Work, Duke University, Summer 1940.

INSTRUCTIONAL ASSISTANTS*

Robert Nyle Jackson, Jr., *Architecture*

Clifford Poinsette Exum, *Architecture*

Stratton Alec Demosthenes, *Civil Engineering*

John William Fowler, *Civil Engineering*

Alex Andrew Moss, *Civil Engineering*

Clyde King Warner, Jr., B.C.E., *Civil Engineering*

Joe Emerson Webb, *Civil Engineering*

Roy Holroyd France, B.S., *Drawing*

Walton Murff Stephens, Jr., *Drawing*

Waddy Frank McFall, *Entomology*

Morris Wiley Jones, B.E.E., *Electrical Engineering*

George Hirst Bradley, *Mechanical Engineering*

Clarence Rollin Jones, *B.M.E., Mechanical Engineering*

Robert Lindsay Perry, B.M.E., *Mechanical Engineering*

William Marshall McKenzie, *Physics*

Joseph LaRoche Rivers, *Physics*

Claude Jackson Sperry, *Physics*

*List of Instructional Assistants compiled November 1, 1947.

STANDING COMMITTEES OF THE FACULTY—1947-1948

ATHLETICS:
Milford, *Chairman;* Gage, Mitchell, Ritchie, Rhodes, Frank Howard, Coach, *ex officio;* J. C. Littlejohn, Business Manager, *ex officio;* G. E. Metz, Registrar, *ex officio.*

BUILDINGS AND GROUNDS:
Watson, D. J., *Chairman;* Glenn, H. E., Holmes, Hunter, J. E., Lee, McGinty, Musser, Nutt, Rhodes, Sams, Webb.

CALENDAR:
Osborne, *Chairman;* Cole, Crouch, Donelon, Hardin, Holtzendorff, Howard, McGinty, Metz, Morgan, Pinckney, Miss Shanklin, Thackston, Woodward, Editor of The Tiger, *ex officio;* President of the Senior Class, *ex officio;* President of Tiger Brotherhood, *ex officio;* President of Blue Key, *ex officio;* President of Central Dance Association, *ex officio.*

CATALOG:
Metz, *Chairman;* Epting, Glenn, H. E., Kinard.

CONCERT SERIES:
Metz, *Chairman;* Freeman, E. J., Goodale, Hill, G. H., McGarity, Morgan, C. L., Osborne, Watson, D. J., Miss Shanklin, and student members: Hubbard, E. B., Reynolds, H. G., Thornhill, V. N.

CURRICULA, COURSES, AND ENTRANCE REQUIREMENTS:
Earle, *Chairman;* Aull, W. B., Bradley, Brown, H. M., Earle, Metz, Sheldon.

DEFICIENT STUDENTS:
Kinard, *Chairman;* Epting, Green, J. C., LaGrone, Starkey, Tingley.

ETHICS AND RELIGION:
Crouch, *Chairman;* Cole, Donelon, Hardin, Holtzendorff, Pinckney.

FOOD AND NUTRITION:
LaMaster, *Chairman;* Littlejohn, Morgan, Musser, Nutt, Patrick, Starkey, Van Blaricom, Mess Officer, *ex officio.*

GRADUATE WORK:
———— *Chairman;* Arndt, Aull, G. H., Brown, H. M., Carodemos, Collings, Cook, J. M., Freeman, E. J., Glenn, H. E., Green, J. C., Huff, Hunter, H. L., Sams, Schirmer, Taylor, Webb.

LIBRARY:
Bradley, *Chairman;* Anderson, R. L., Aull, G. H., Bryan, Carodemos, Collings, Earle, Gage, Green, C. B., Holmes, Lee, Lindsay, Rosenkrans, Taylor, Watkins, Miss Graham, Librarian, *ex officio.*

LOANS:
Littlejohn, *Chairman;* Brown, A. J., Evans, Hill, G. H., Howard, Woodward.

PUBLIC LECTURES:
————*Chairman;* Bradley, Freeman, E. J., Green, J. C., Goodale.

PUBLICATIONS AND RADIO:
McGinty, *Chairman;* Eleazer, Lane, Osborne, Miss Holden, Stribling, S. C.
(J. D. Lane, Faculty Adviser for student publications.)

RECREATION:
Webb, *Chairman;* Cannon, Epting, Gage, Glenn, H. E., Godbey, Hill, G. H., Miller, Musser, Nutt, Patrick, Roark, Watson, D. J.

KRESS RESEARCH:
McGinty, *Chairman;* Carodemos, Lease, Lindsay, Sheldon, Stepp, Tingley, Cornelia Graham, Librarian, *ex officio;* J. C. Littlejohn, Business Manager, *ex officio.*

RESEARCH, PLANNING AND DEVELOPMENT:
Brown, H. M., *Chairman;* Arndt, Carodemos, LaMaster, Musser, Nutt, Sams, Watson, D. J.

SCHEDULE:
Aull, W. B., *Chairman;* Brock, Cox, Gage, Huff, LaGrone, Metz, Pollard, Tingley.

SCHOLARSHIP AND HONORS:
Sheldon, *Chairman;* Carodemos, Cox, Curtis, Green, J. C., Lindsay, McGinty, McKenna, Monroe, Schirmer.

SOCIAL FUNCTIONS:
Edwards, *Chairman;* Anderson, R. L., Cox, Curtis, Goodale, Green, J. C., Hill, G. H., Holtzendorff, Paden, Ritchie, Tingley, The Commandant.

STUDENT GOVERNMENT:
Goodale, *Chairman;* Armstrong, Lane, Marshall, Metz, The Commandant.

STUDENT ORGANIZATIONS (Including Honor Societies):
Eaton, *Chairman;* Brock, Collings, Freeman, E. J., Goodale, Marshall, Schirmer, Sheldon, Taylor, R.

STUDENT WELFARE:
Lane, *Chairman;* Aull, G. H., Bell, Blair, Coker, Hill, G. H., Hunter, H. L., Jones, R. M., LaMaster, Metz, Sams, Washington.

UNIFORMS:
Littlejohn, *Chairman;* Brown, A. J., Eaton, Holtzendorff, The Commandant, Douthit, Trustee Member.

VISITORS:
Woodward, *Chairman;* Goodale, Hill, G. H., Holtzendorff, Miss Shanklin, Watson, D. J., The Commandant.

Y. M. C. A.
Martin, *Chairman;* Aull, G. H., Douthit, J. B., Trustee Member; Earle, Evans, Goodale, Green, J. C., Henry, J. A., Alumni Member; Hunter, J. E., Kinard, Littlejohn, McGinty, Young, T. B., Trustee Member; R. F. Poole, President, *ex officio;* J. N. Young, President Y.M.C.A., *ex officio;* P. B. Holtzendorff, Jr., General Secretary Y.M.C.A., *ex officio.*

*OTHER OFFICERS AND ASSISTANTS

Jacob Henry Woodward—*Assistant to the President*
Virginia Earle Shanklin, A.B.—*Secretary to the President*
Kenneth Notley Vickery, B.S.—*Assistant Registrar*
Reginald Justin Berry, B.S.—*Assistant to the Registrar*
Helen Coker, A.B.—*Assistant to the Registrar*
Jean Beverly Sloan—*Assistant to the Registrar*
John Goodman, B.S., A.B. in L.S.—*Assistant Librarian*
James Mitchell Reames, B.A., B.S. in L.S.—*Assistant Librarian*
Helen Beam Allen, A.B., A.B. in L.S.—*Assistant Librarian*
Angelina Hall Way, A.B., B.S. in L.S.—*Assistant Librarian*
Emma Bishop Bishop, B.A.—*Cataloger*
Sidelle Ellis, B.S.—*Assistant Cataloger*
Faye Mitchell, A.B.—*Assistant to the Librarian*
Edward L. B. Osborne, B.S.—*Director, News Bureau*
Graham Hamilton Hill—*Assistant Business Manager*
Virginia Poole—*Assistant to the Business Manager*
Kenney R. Helton—*Personnel Clerk, Business Manager's Office*
Henry Hughes Hill, Jr., B.S.—*Manager, Housing Project*
Trescott Newton Hinton, B.A.—*Assistant Bookkeeper*
Joseph Shelor Walker, B.S.—*Assistant Bookkeeper*
Helen Morrison—*Assistant to the Treasurer*
Ralph Dozier Crosby, Lt. Col., U. S. Army—*Adjutant*
William Thomas Davis, Master Sergeant, U. S. Army—*Sergeant Major*
Irene Julian, R.N.—*Director of Nurses*
Myrtle Dean—*X-Ray and Laboratory Technician*
Gladys Mitchell, R.N.—*Clinical Supervisor*
Lois Wright, R.N.—*Bedside Supervisor*
David Joseph Watson, B.S.—*Supt. of Buildings and Grounds*
William Ernest McGuire—*Asst. Supt. of Buildings and Grounds*
James G. Lindsay—*Mess Officer*
Preston Brooks Holtzendorff, Jr., LL.B.—*General Secretary, Y.M.C.A.*
John Roy Cooper, B.S., M.A.—*Associate Secretary, Y.M.C.A.*
Harold Cole, A.B., B.D.—*Pastor, Baptist Church*
John Adams Pinckney, B.D.—*Rector, Episcopal Church*
Sydney J. L. Crouch, B.D., Th.D.—*Pastor, Presbyterian Church*
Elliott Wannamaker Hardin, A.B., B.D.—*Pastor, Methodist Church*
John M. Donelon, B.A.—*Pastor, St. Andrews Catholic Church*
James L. Spangenberg, A.B., B.D.—*Minister to Baptist Students*

*List of other officers and assistants compiled October 1, 1947.

THE

CLEMSON

AGRICULTURAL

COLLEGE

RECORD

PART II

Information

PART II—INFORMATION

GENERAL INFORMATION

Clemson is a land-grant college, a state institution, and one of the A. and M. colleges which emphasizes agriculture and mechanical industries. Clemson is fully accredited by the Southern Association of Colleges and Secondary Schools.

The twenty-six curricula under the Schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education form a background of training for the hundreds of occupations in which Clemson graduates engage. In addition to the training for a specific occupation, each curriculum is broadened to include fundamental training in the occupational area as well as the worthwhile values of general education. Although the College is organized on the university plan of various schools, it retains its entity through the inter-relationships of schools and departments in providing a well-balanced educational program.

The enrollment of Clemson has grown from 446 students in the opening of the college in 1893 to a pre-war peak of 2,381 and a current enrollment of 3,755. During this period over 26,000 students have attended Clemson and of this number more than 7,300 are graduates.

REQUIREMENTS FOR ADMISSION

Entrance Requirements. The requirements for entrance to Clemson include graduation from an accredited high school with at least sixteen units; of the units presented for admission, at least three must be in English, one and one-half in algebra, one in plane geometry, and one in history.

Students who cannot fulfill the requirements outlined above may be considered for admission as follows:

(1) Applicants who have qualified for a South Carolina High School Certificate by examination are given very careful consideration. The final decision is dependent upon the quantity and

quality of such work as has been completed in high school as well as upon the fact that the applicant has qualified for the certificate.

(2) Mature students who cannot meet the formal requirements indicated above but who have an adequate educational background for scholastic work in college may qualify for admission by passing the entrance examinations. Further information will be furnished on request.

Application Blanks. Blanks to be used in applying for admission may be obtained from the Registrar, Clemson College, Clemson, South Carolina.

Placement Tests. Placement tests, required of all students are given within a day or two after matriculation. The placement tests consist of examination on basic information in mathematics and English. The purpose in giving the tests is to determine which students are in need of review courses in mathematics and English before attempting college courses in these important subjects. It is in the interest of the student that he is required to take such a review course if he does not make a qualifying score on the placement test. Such students may begin taking their other freshman subjects, but will postpone freshman mathematics, English, or both, until after they complete satisfactorily the review course or courses required. All new students will be required to take the placement tests, but those who have previously completed college courses in mathematics and English will not be required to take the review courses in these subjects.

Admission to Advanced Standing. Work that has been completed in other colleges will be carefully considered and evaluated in terms of equivalent courses in the curriculum at Clemson selected by the student. The applicant must present for consideration: (a) a statement of honorable dismissal from the institution last attended, (b) an official transcript of his record, including entrance credits and (c) an official statement that he is eligible to return to the institution last attended. College credits given by transfer are provisional and may be cancelled at any time if the student's work is unsatisfactory. A student coming from another institution must spend at least one regular session in the College before he is eligible to apply for a degree.

Matriculation. Students upon arrival at the College at the opening of the session must report at once to the Registrar's Office. New students will be directed in the procedure necessary to complete their enrollment. A student's matriculation with the College is equivalent to his pledge to conform to the rules of the institution. Any admission gained or matriculation made irregularly is subject to cancellation.

EXPENSES

Settlement of College Fees. The Treasurer of the College is the fiscal officer and all transactions relating to payments must be conducted through him. The entrance payment includes the full cost of uniform plus fees and living expenses for the first quarter and must be made before a student can be assigned to a room in barracks or permitted to begin work. Other payments are due as indicated. Remittances should be made in cash, money order, cashier's check, or by local check made payable to A. J. Brown, Treasurer. All remittances made by mail must be addressed to: The Treasurer, Clemson College, Clemson, South Carolina. A personal check which is given in payment of dues and is returned by the bank unpaid automatically cancels a student's reservation and automatically drops from class rolls a student who is in school.

Expenses. The cost to South Carolina barracks students for board, laundry, room, all fees, and tuition will amount to $504.60 for the 1948-1949 session. Students from other states pay an additional $170.00. The State Law requires that all non-resident students pay the out-of-state tuition. The bona fide residence of the parent, or legal guardian, determines the residence of the student. On account of rising markets, it may be necessary to increase the charges for living expenses at any time.

In addition to the expenses indicated above, each cadet will pay to the College Treasurer the cost of the uniform. For the 1947-1948 session the cost of the uniform was $92.30.

The payments for regular cadets, including room, board, laundry, all fees, tuition, and uniform are indicated below.

Payments Due	South Carolina Students	Non-Resident Students
At entrance	*$218.45	*$260.95
November 8	126.15	168.65
February 3	126.15	168.65
March 31	126.15	168.65

* Based on cost of uniform for 1947-1948.

The payments for room, board, and laundry, for qualified non-ROTC veterans staying in the barracks are given below:

Payments Due	Qualified Veterans in Barracks
At Entrance	$85.60
November 8	85.60
February 3	85.60
March 31	85.60

For veterans qualified for benefits under the G. I. Bill or Veteran's Vocational Rehabilitation, the Veterans Administration pays tuition fees and the costs of necessary books and supplies. The veteran pays his own living expenses but the subsistence checks to be received by the veteran will more than reimburse him for the cost of living in the barracks at Clemson.

Information concerning payments for Day Cadets will be furnished on request.

Books and Supplies. The cost of books is not included in the figures given above. Freshman books and supplies cost approximately $35.00 at the beginning of the regular session. For veterans, qualified for benefits under the G. I. Bill or Veterans Vocational Rehabilitation, books and educational supplies will be issued, the cost to be paid by the Veterans Administration.

Uniforms. Clemson cadets are wearing a distinctive gray uniform of a design and material similar to that worn in prewar days. The garments required are: 1 gray service coat, 2 gray service trousers, 2 service caps, 1 blue mackinaw, 1 web waist belt, and 1 raincoat. Shirts and insignia are purchased by the individual in addition to these major items.

The cost for the future is not known at this time; however, as a guide for parents, the above mentioned items for the school year 1947-1948 cost the student $92.30. The price of the uniforms must be paid at entrance.

The college has been unable to secure a satisfactory supply of gray cotton shirts; therefore, white cotton shirts may be necessary for the school year 1948-1949. Every effort is being made to have on hand the traditional gray cotton shirts. Should these be available the cost of the uniform will be increased. Every student must furnish his own shirts either through the college or by buying his own white shirts, depending on the circumstances prevailing at that time.

After the first year, the cadets will be required to purchase only needed articles. Based on prior usage factors, the minimum requirements for each successive year will be: Sophomore students, $17.00; Junior students, $43.00; Senior students, $17.00.

In this connection, parents are advised that those students who are successful in entering ROTC receive a substantial amount from the United States government in the form of commutation of uniform; specifically, $9.00 each year for the Freshman and Sophomore years and $94.77 for the Junior and Senior years combined.

Refunds. No refunds will be made on Tuition and Fees other than living expenses after five weeks attendance during the semester. Refunds for periods of attendance during the semester of less than five weeks will be based upon a charge of 20% for less than two weeks, 40% between two and three weeks, 60% between three and four weeks and 80% between four and five weeks.

Living expense items will be refunded on a prorata basis, holidays excepted, for periods unused in excess of two weeks.

Lost or Damaged Articles:

1. The College will not be liable for articles lost or stolen in the barracks.

2. The College will not be liable for lost or damaged laundry unless reported within two days after the date upon which

the laundry was due to be delivered, and then not more than the actual depreciated value of such articles as have been lost or damaged.

Student Banking Accounts. For the convenience of students the College operates a banking department in the Treasurer's Office where money can be deposited and withdrawn as the occasion may demand. This service is purely local. Students are urged to deposit their money in the bank and not to keep it in their rooms.

Books and Supplies. The L. C. Martin Drug Co., Inc., conducts a store near the campus and maintains a book and supply store where students may purchase textbooks, drawing instruments and other supplies. A complete list of the textbooks used in each course, together with their prices will be furnished on application to the book store.

Each student will be required to own his textbooks and necessary equipment. All students shall submit their textbooks and other equipment for inspection at such times as are ordered.

Optional Expenses. It is not possible to give an estimate of a student's expenditures for such amusements as dancing, moving pictures, etc. This depends largely upon the disposition of the young man. The College endeavors to reduce to a minimum the temptation to spend money needlessly, but the authorities cannot be responsible for a student's private expenditures. This must be a matter between him and his parents.

Transcripts. Official transcripts of scholastic records are issued on request. One transcript is furnished free; additional copies are issued for one dollar each. Remittances for transcripts should be made payable to The Treasurer, Clemson College, but should accompany transcript requests and should be mailed to The Registrar.

Student Aids. A number of young men secure positions as waiters in the mess hall, for which service they are paid at the rate of about thirteen dollars a month. These positions are filled by the Mess Officer, to whom all correspondence should be addressed.

FINANCIAL ASSISTANCE

The William Wilson Finley Loan Fund. The sum of $1,000 has been deposited with the College to be used as a loan fund to students living in counties traversed by the Southern Railway or the Blue Ridge Railway.

The George Cherry Foundation. Mrs. Mary Cherry Doyle has donated $1,000 to aid worthy and needy students from Oconee County and that part of Anderson County including Pendleton. This fund is not available for first-year students.

Clemson Student Loan Association Fund. A number of interested teachers, officers, alumni, and friends of Clemson College have contributed $2,500 to be loaned to worthy Clemson students.

The Wade Stackhouse Loan Fund. A gift of $20,000 from Dr. Wade Stackhouse of Dillon, whose father, the late Hugh Milton Stackhouse, was a trustee of Clemson has been deposited with the College. The fund is designed to furnish assistance through loans to ambitious Clemson graduates who give promise of becoming leaders in research.

Daniel Memorial Loan Fund. Interest on $10,000 given by Daniel Construction Company as a memorial to the late James Fleming Daniel and Fred Adams Daniel, father and brother respectively, of the officers of the corporation.

The Alexander P. Anderson and the Lydia Anderson Fellowship. Mr. and Mrs. Anderson have given to the Clemson Agricultural College the sum of $12,500 for the purpose of establishing a fellowship fund. The income from this trust fund is to be used for the purpose of awarding a scholarship or fellowship to one or more Clemson graduates for advanced work in biological sciences including bacteriology and entomology. The scholarship is to be awarded annually by the faculty of the Clemson Agricultural College to an outstanding student. The name of the beneficiary is reported to the Board of Trustees, and an accounting of the funds by the Treasurer of the College is made annually.

The Sears Roebuck Agricultural Foundation has made funds available for freshman agricultural scholarships at Clemson for

the past several years. There were twenty one-hundred-dollar Sears Roebuck Scholarships available for 1947-1948 for freshmen who took the agricultural course. The scholarships are awarded on the basis of a competitive examination. Further information concerning these awards may be secured from Dr. H. P. Cooper, Dean, School of Agriculture, Clemson College, Clemson, South Carolina.

The College is in need of funds to lend worthy students. Donations for this or other purposes may be made to the Board of Trustees of Clemson College, or to the Trustees of the Clemson Alumni Foundation. The President of the College or the Secretary of the boards named above will be glad to communicate with any person who is interested in establishing such a fund.

BUILDINGS AND GROUNDS

Buildings. Tillman Hall houses the offices of the President, the Registrar, the Commandant, the Treasurer, the Business Manager, the Professor of Military Science and Tactics, and the Dean of the School of Arts and Sciences. This building also has over twenty classrooms. At the north end of the building is Memorial Hall, the College Auditorium, with a seating capacity of about eighteen hundred.

The Library Building, located in approximately the center of the campus, houses the Main Library, the Agricultural Reference Department, the Museum, the Recreational Reading Room and the Music Room. The Social Science Department uses four class rooms on the second floor, and the Mailing Room for the Experiment Station and Extension Departments, is on the basement floor.

The Library contains 97,566 bound volumes, consisting of books, periodicals and U. S. Government Publications. In addition to the bound volumes the Library contains 745,000 unbound Federal, State, Experiment Station and Extension Service publications; 6,948 unbound periodicals and 38,000 pamphlets and clippings in the vertical subject file. A grant from the General Education Board is enabling the Library to greatly strengthen its holdings of scientific and technical periodicals, journals and books.

The Museum is located on the balcony of the Main Reading Room. It contains many interesting items—Indian Relics, mounted birds and animals, and World War I and II relics, all of which were gifts from friends and alumni.

The Recreational Reading Room is located in the basement of the Library Building, is beautifully and comfortably furnished, and contains many popular and attractive books, current magazines, and daily newspapers.

The Music Room, also located on the basement floor, contains a Carnegie Collection of 1,068 recordings of classical and semi-classical music, an RCA record player, along with music scores and other books relating to music.

The Library Staff consists of seven professionally trained Librarians and several other non-professional assistants and clerical workers. A trained Librarian is always on duty to assist faculty and students.

The Library is open daily from 8 A. M. until 10 P. M., Monday through Friday, from 8 A. M. to 6 P. M. Saturdays, and from 2 P. M. to 10 P. M. Sundays, with the exception of holidays.

The instructional work of the institution is maintained largely in the departmental buildings. The Schools of Agriculture, Engineering, Textiles, Vocational Education, and Chemistry have individual buildings especially designed for their purposes. The School of Arts and Sciences is located in the Administration Building with additional classrooms in the Library and the Physics Building. Certain laboratory work is conducted at the greenhouses, live stock barns, poultry plant, veterinary hospital, and other buildings on the college farm.

The cadet barracks consist of nine large brick buildings—five of which were constructed since 1935 and three temporary wooden structures erected during 1946. All barracks are steam-heated, electrically-lighted, and supplied with hot and cold water. The one thousand and twenty-six rooms in the barracks are furnished with single-width iron cots and other necessary equipment.

The Hospital, located about a quarter of a mile from the

barracks, is a wooden building, especially designed for the purpose. The equipment includes a Victor X-ray machine, a new Burdick ultra-violet ray machine, and a sorensen machine of the latest design for ear, eye, nose, and throat treatments.

The Y. M. C. A. building is a four-story structure equipped with club rooms, lounge rooms, game rooms, and has in addition, thirty rooms available for permanent roomers, guests, and transients. Some of these rooms are reserved for members of the Extension Department and other visitors and guests, and are equipped with connecting or private baths. All the rooms are furnished with Simmons beds and Beautyrest mattresses. Having an auditorium, gymnasium, and swimming pool, the YMCA building is admirably fitted to serve as a center of social activities and voluntary religious work. Two auditoriums equipped with heating and cooling systems provide accommodations for numerous conferences, especially during the summer months when fewer students are in school.

The Physical Education Building consists of a central office and dormitory section, a field house, and a gymnasium.

The Laundry, which is operated exclusively for the students, is a brick building, equipped with improved modern machinery.

The Clemson College Hotel, a frame building, is situated on a hill overlooking the campus. This building and numerous brick and frame residences furnish homes for a number of the college teachers and officers.

Fort Hill, the former home of John C. Calhoun, is located on the Clemson campus. In accordance with the provisions of Mr. Clemson's will, this residence has been made a shrine in honor of Mr. Calhoun. Several pieces of furniture and other interesting relics, formerly the property of Mr. Calhoun, are carefully preserved in this home, where they may be seen by visitors to the college.

Grounds. The college grounds comprise about 1,544 acres, including the campus, the farm, and the Experiment Station grounds. The two-hundred acre campus is laid out in walks, drives, and lawns, and is shaded by a beautiful grove of native forest trees.

LIVING CONDITIONS

At Clemson cadets live in barracks under military discipline. A cadet must at all times be present or accounted for. The barracks or dormitories are divided into "halls" for military purposes, a unit being assigned to a hall under the supervision of a cadet officer.

Cadet officers remain on duty both day and night at the guard room, in which is located a long-distance telephone with twenty-four hour service.

Each student room is equipped with necessary furniture. The beds are single width. Bed linen, bed covers, pillows, and towels must be furnished by the students. All students are required to provide themselves with two laundry bags.

The dining hall, or mess hall, is located in Barracks No. 1. It is equipped and is under the supervision of the mess officer. The kitchen and cold storage plant are among the best in the South. All students living in the barracks eat in the dining hall.

Three hundred and forty-eight houses for veteran students with families are also provided. These houses are the prefabricated type and are equipped with space heater, cooking range, hot water heater and ice boxes. Furniture for the homes is available at a low rental rate. Applications should be submitted to the Clemson Housing Project, located in the Administration Building.

RESERVE OFFICERS' TRAINING CORPS

All cadets of the college are required to take military training. Subject to the allotment of sufficient funds by the War Department and to the maintenance of good records by cadets, all physically qualified cadets of Clemson College are members of the Reserve Officers' Training Corps during the first two years of residence, unless they have completed the basic course in other senior units. Qualified veterans of World War II are excused from all military functions, but may elect to become a member of the ROTC with permission of the PMS&T.

The War Department maintains a Senior Division of the ROTC at Clemson Agricultural College. This institution is classi-

fied by the War Department as a Military College. The mission of the Reserve Officers' Training Corps is to produce junior officers who have the qualities and attributes essential to their progressive and continued development as officers in the Army of the United States. The Military Department at Clemson Agricultural College places emphasis upon leadership to assist Clemson men in meeting any situation in life with success and honor.

The War Department maintains seven units of the ROTC at Clemson as follows: Air Corps, Infantry, Engineers, Signal Corps, Ordnance, Quartermaster, and Armored Cavalry.

The ROTC at Clemson consists of two parts; the Elementary Course (Freshmen and Sophomore Military Science) and the Advanced Course (Junior and Senior Military Science). The Elementary Course consists of two hours of scheduled classroom work; two hours of drill and one hour of inspection per week. This course of instruction is applicable to the Army as a whole and is not specialized for branches of the Army. The Advanced Course consists of four hours of scheduled classroom work, two hours of drill and one hour of inspection per week. This course is specialized training applicable to a particular branch of the service. For each semester Elementary ROTC training successfully completed, the student receives one credit hour and for each semester Advanced ROTC successfully completed, the student receives three credit hours—all of which are counted as approved credits in the curricula toward a degree.

Summer Camp. Members of the Advanced Course are required to attend camp one summer, normally between the junior and senior years. All students going to camp receive mileage for the round trip from school at the rate of five cents per mile, and are messed, housed, uniformed, and given medical attention at government expense while at the camp. The duration of camp is six weeks and it begins about June 15 each year.

The military training will consist of practical and theoretical instruction of a specialized branch-type, emphasizing field work and special equipment that cannot readily be housed or maintained on the campus. In addition to this training, the student has

an opportunity to participate in healthy outdoor sports of all kinds and in competition with young men from other colleges. A well-arranged religious program is conducted at each camp by experienced chaplains.

Honor ROTC Graduates. Those graduates who have completed the prescribed ROTC course and who have been selected by the President of Clemson Agricultural College for scholastic excellence, may be designated Honor ROTC Graduates by the Professor of Military Science and Tactics, if they possess outstanding qualities of leadership, character, and aptitude for military service. Such Honor ROTC Graduates are considered in selection of applicants for appointment in the Regular Army, provided they are eligible for appointment under other pertinent laws and regulations.

Enrollment and Continued Requirements. The general requirements for enrollment and continuance in the ROTC are that the student be a citizen of the United States, physically qualified as prescribed by the War Department, accepted by the institution as a regularly enrolled student, be not less than fourteen years of age and must not have reached twenty-three years of age at the time of enrollment except for veterans of World War II enrolling at college prior to January 1, 1950; in addition, the student must successfully complete such general survey screening tests as are given to determine eligibility for admittance to the elementary and advanced courses and agree in writing upon admission to the Advanced ROTC course to complete the course of instruction offered unless released by the War Department. Should a student fail to continue the prescribed course while a student at Clemson College, he may be required to refund to the Government any sums previously paid. The contract will expire if the student's attendance at school is interrupted for more than two calendar years. All students formally enrolled in the Advanced Course must not have reached twenty-seven years of age at the time of enrollment.

Emoluments. Elementary students are paid commutation in lieu of uniforms at the rate of $9.00 per year (freshman and sophomore years).

Advanced students are paid commutation in lieu of uniform at the rate of $94.77 for the entire Advanced Course (both junior and senior years combined), and in addition commutation in lieu of subsistence at the rate of $0.79 for a total of not to exceed 570 days during Junior and Senior years. In considering emoluments of Advanced students, it should be remembered that they are paid for service at summer camp at the rate of private in the Army; at present this amounts to a little over $100.00.

ROTC subsistence allowance is paid to veterans who are enrolled in the Advanced Course in addition to subsistence allowance under Section 400(b), Serviceman's Readjustment Act of 1944.

Texts and Equipment. The Federal Government will provide the necessary texts and equipment to carry out the ROTC program.

Band. The Corps of Cadets has a splendid band composed of about one hundred members; it is organized as a cadet company. Both the War Department and the college have provided instruments; however, potential members of the Band are encouraged to bring their instruments to college with them. The college is fortunate in having an accomplished director to train the Band.

Rifle Team. A rifle team chosen through individual competition is selected to represent the ROTC in Hearst Matches, Army Matches, and in matches with other colleges and universities throughout the country. Shoulder-to-shoulder matches are fired each year. The firing is conducted with modern small-bore target rifles on an indoor range.

STUDENT HEALTH SERVICE

The Surgeon, who has complete charge of the hospital, is one of the regular officers of the College, and his special duty is to look after the health of the students.

At a specified time every day, students who desire may consult the Surgeon, and those who are admitted to the hospital are cared for by experienced nurses in the college hospital. In

case of necessity students are allowed to consult the Surgeon at any time, or to send for him in an emergency.

The Surgeon cannot undertake to notify parents every time a student reports to the hospital for medicine, or for rest on account of some slight complaint. However, they may rest assured that they will be notified at once of sickness of any consequence.

The medical fee paid by each student is intended to cover all ordinary cases of sickness and their treatment. It is not intended to cover fees of doctors or specialists called into consultation, for performing operations, for special nurses, or for any medical or surgical attentions performed away from the College; and the College does not assume any responsibility for accidents that happen away from the College. Such expenses must be borne by the parents. The right of the College Surgeon, with the approval of the President of the College, to incur in behalf of any student under his care any of these extra services is hereby expressly reserved.

RELIGIOUS INFLUENCES

Clemson cooperates with the various churches and the Y. M. C. A. in the religious training of its students. The Y. M. C. A. located on the campus, provides accommodations for all denominational groups not having church homes on the campus and is used a great deal by campus church groups, often because it is so convenient and accessible. Numerous union services and cooperative meetings of young peoples' societies of the campus churches and of the Y. M. C. A. Councils, and Cabinet afford a united front for religious services.

Five denominations: Baptist, Episcopal, Methodist, Presbyterian, and Roman Catholic, have erected churches in the community. Arrangements are made for services for students of other denominations. Sunday schools and young people's church societies are maintained by the local churches. Attendance upon the services of these organizations is voluntary.

Courses in Religion, which are credited as free electives, are offered. This work is not financed by the College. For

information regarding these courses see the description of courses.

HISTORICAL STATEMENT

In 1889, the General Assembly of South Carolina accepted the bequest of Thomas G. Clemson, which set aside the bulk of the Clemson estate for the founding of a scientific and technical college. The institution was also established under the Morrill Land-Grant Act passed by the National Congress in 1862. Clemson College, therefore, is the Agricultural and Mechanical College of South Carolina and is a member of the national system of Land-Grant Colleges and Universities.

The nature of the institution is outlined in Mr. Clemson's will and its acceptance by the legislature.

The will in part reads:

"Feeling a great sympathy for the farmers of this State, and the difficulties with which they have to contend in their efforts to establish the business of agriculture upon a proper basis, and believing that there can be no permanent improvement in agriculture without a knowledge of those sciences which pertain particularly thereto, I have determined to devote the bulk of my property to the establishment of an Agricultural College upon the Fort Hill Place. My purpose is to establish an Agricultural College which will afford useful information to the farmers and mechanics; therefore it should afford thorough instruction in agriculture and the natural sciences connected therewith; it should combine, if practicable, physical with intellectual education; and should be a high seminary of learning in which the graduate of the common schools can commence, pursue and finish a course of studies terminating in thorough theoretic and practical instruction in those sciences and arts which bear directly upon agriculture. * * * * but to always bear in mind that the benefits herein sought to be bestowed are intended to benefit agriculture and mechanical industries. * * * * I trust I do not exaggerate the importance of such an institution for developing the material resources of the State, by affording its youth the advantages of scientific culture.

"The desire to establish such a school or college, as I have provided for in my said last will and testament, has existed with me for many years past, and many years ago I determined to devote the bulk of my property to the establishment of an Agricultural School or College. To accomplish this purpose is now the one great desire of my life."

This will gave all that part of the Fort Hill Estate inherited by Mrs. Clemson from her mother and the bulk of Mr. Clemson's other real and personal property. The latter amounted to a sum, which, considering the purchasing power at the time, probably has been only a few times exceeded in a public benefaction in South Carolina.

A Board of Trustees of seven members was provided for: R. W. Simpson, D. K. Norris, M. L. Donaldson, R. E. Bowen, B. R. Tillman, J. E. Wannamaker, and J. E. Bradley, who with those chosen by the General Assembly, should constitute a governing board in case the State accepted the bequest; but, who, in case the State declined the bequest, should alone constitute a governing board for a private institution.

These seven trustees, along with other friends of the movement, and the agricultural groups in the State developed and organized a public opinion favorable to the plan.

In November, 1889, the General Assembly of South Carolina accepted the terms of the will, and, following the decision of the United States Supreme Court to uphold the will, the State of South Carolina and the full Board of Trustees proceeded to convert the dream of Thomas G. Clemson into the reality of Clemson College.

The College was formally opened in July, 1893, with an enrollment of 446 students. The first graduating exercises were held in December, 1896, with a graduating class numbering thirty-seven—fifteen in the agricultural courses and twenty-two in the engineering courses.

LOCATION

The College is located on the Fort Hill homestead of John C. Calhoun, in the foothills of the Blue Ridge Mountains. It has an elevation of 800 feet above sea level and commands an excel-

lent view of the mountains to the north and west, some of which attain an altitude of over five thousand feet.

The College is located at Clemson, S. C., on the main line of the Southern Railway, and four miles from Pendleton, on the Blue Ridge Railway. State Highways numbers 13 and 28 pass through Clemson, and daily bus service at regular intervals is available.

CLEMSON COLLEGE ALUMNI CORPORATION

The Alumni Corporation has established a permanent office on the campus. The office is in charge of a secretary, who is elected by the Board of Directors of the Corporation. The Clemson office is a clearing house for all matters concerning the alumni. In addition to keeping accurate records of addresses and information concerning alumni, the Corporation has established at the Clemson headquarters, a bureau for repairing Clemson class rings, and for securing duplicates of these rings.

The Corporation holds its regular annual meeting at the College on Saturday of Commencement. At this meeting all officers are elected. The Secretary is elected by the Board of Directors which is in turn responsible to the general Corporation for the conduct of its business. The purpose of the Alumni Corporation is to serve the College and the alumni in every possible way. All correspondence regarding its affairs is conducted through the Clemson office.

Graduates and former students are requested to keep the Alumni Office informed as to change of address, occupation, and other matters that will be of interest to those in charge of Alumni Records and mailing lists.

The Alumni Corporation is now raising a fund to be used in educating the sons and daughters of Clemson men who were killed in World War II. The fund now stands at approximately fifty-thousand dollars. Anyone interested in contributing to this fund should contact the Alumni Secretary, Clemson College, Clemson, South Carolina.

The Alumni Corporation is also raising a fund as an endowment for the College, known as the Clemson College Foundation. This fund will be used for the benefit of Clemson College, its students, faculty and alumni.

THE

CLEMSON

AGRICULTURAL

COLLEGE

RECORD

PART III

Student Life And Activities

PART III—STUDENT LIFE AND ACTIVITIES

CADET MILITARY ORGANIZATION

Clemson College is operated as a military school,—not for the purpose of making soldiers, but in order that the students may learn the importance of loyalty and obedience to authority, and acquire the habit of being courteous, systematic, and punctual.

The military system places every student on an equal standing. All cadets wear the uniform, live under the same conditions, and are subject to the same privileges and restraints.

The military system does not in any way interfere with the regular college work, but on the other hand enables it to maintain a higher level of efficiency. Military training is a feature that gives to Clemson's graduates an advantage which is an important factor in their future progress and success.

CLUBS AND SOCIETIES

Honor Fraternities. Honor scholarship organizations, including Tau Beta Pi, Sigma Tau Epsilon, Phi Psi, Alpha Zeta, Alpha Tau Alpha, Iota Lambda Sigma, Alpha Chi Sigma, and the Minaret Club, give recognition to superior work done by Engineering, Arts and Sciences, Textile, Agricultural, Agricultural Education, Industrial Education, Architecture, and Chemistry students respectively.

The Phi Kappa Phi, honor society, and the Phi Eta Sigma fraternity both have chapters at Clemson. The former is an all-college honor organization composed of members of the senior class. The latter is a freshman organization with members selected from students who attain a high scholastic standing during the first semester of the freshman year.

The military activities of the cadet officers of the corps are recognized in membership in the Society of Scabbard and Blade, a national military honor fraternity. The Pershing Rifles, a national honorary military organization, also has a chapter at Clemson.

The Blue Key, a national fraternity based upon leadership, has a chapter at Clemson, as does Alpha Phi Omega, a national fraternity for former Boy Scouts. The Tiger Brotherhood is a local organization at Clemson which stresses the qualities of leadership.

Student Clubs. Students majoring in various courses of instruction have organized clubs. Among such clubs are included the Agricultural Economics Society, the Dairy Club, the Horticultural Club, the Athanor (a chemical society), and Iota Epsilon (Industrial Education) and the Animal Husbandry Club.

The Calhoun Forensic Society and the Strawberry Leaf promote literary activities among the students; and the Gamma Alpha Mu recognizes superior journalistic service rendered by students.

The Y. M. C. A. and the Clemson Churches are recognized through organizations of the Baptist Student Union, Brandeis Club, Canterbury Club, Newman Club, Presbyterian Students Association, Wesley Foundation, Y. M. C. A. Cabinet, and the "Y" Council representing each of the four classes.

Engineering Societies. Outstanding students majoring in engineering courses are selected for membership in the Student Chapter of the American Institute of Electrical Engineers, American Society of Mechanical Engineers, American Society of Civil Engineers and the American Society of Agricultural Engineers.

Music Activities. The Clemson College Glee Club is composed of approximately sixty students under the musical leadership of the Director of Music. The organization performs the best in choral literature and makes appearances at various student functions on the campus.

In the spring of each year, the Glee Club makes a short tour of nearby institutions, and provides at least twenty singers who participate in a three hundred voice choir of South Carolina College students and perform with the Southern Symphony Orchestra in an annual concert at Columbia, S. C.

The Senior Platoon. The Senior Platoon is a Fancy Drill unit composed of cadet officers of the Senior class. This Platoon

was activated in 1931 for the purpose of increasing proficiency and developing pride among the cadet officers. Frequent exhibitions of fancy drill are given by this Platoon at football games and other celebrations and ceremonies.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Y. M. C. A. partakes of the nature of a small city Y. M. C. A. While it is recognized as a student association, the tremendous volume of community service undertaken in the building might easily qualify it as a community building. The Athletic Association has granted permission for the Y. M. C. A. to sponsor basketball and volley ball games in the Field House. Hundreds of basketball and volley ball games are participated in by students, Faculty, Campus children, and visitors from neighboring communities. Saturday morning games are sponsored for children of the community. A picture program is provided for boys and girls of the community as well as students and the swimming pool is available during the winter and summer months for campus children and visitors such as scout groups, 4-H groups, FFA and others. Social functions sponsored by the Y. M. C. A., or with the Y. M. C. A. cooperating, and Open House programs are almost daily occurrences in the club rooms, scout rooms, and cabinet rooms. It is here that many visiting groups are entertained with, and for, students and campus organizations. Evening Watch prayer group, forum groups, freshmen, sophomore, junior, and senior councils all cooperate with, and under, the leadership of the Y. M. C. A. senior cabinet to make possible a real spiritual and mental development in the lives of all the students. Sixty-two faculty members and others visited with students in their evening watch or forum meetings in barracks last year and many student leaders took part in these meetings.

The Y. M. C. A. has supervision of voluntary religious activities of the students and endeavors to contribute to the religious, social, and physical life of the college community.

There are two Vesper services in the Y. M. C. A. auditorium each Sunday. Usually 400 or more attend the afternoon Vesper and often 550 or 600 attend the evening Vesper. Outstanding speakers and many visiting deputation groups are supplemented

by local speakers, ministers, and campus leaders. Many educational, news, and travel reels are shown for the students over the weekend. In recent years a number of outstanding speakers have returned to the campus. Included in this group have been many graduates of Clemson who have achieved distinction in the field of education, religion, industry, science, and agriculture.

The college swimming pool at Clemson is located in the Y. M. C. A. Swimming class, life saving, and instructor's courses are given. Members of the freshman and varsity swimming teams train here and many company swimming meets are scheduled. The pool is heated throughout the winter months and it is filtered and chlorinated with electric equipment.

Intramural athletics are encouraged and sponsored by the Physical Education Department and the Y. M. C. A. All of the companies with military organization and athletic officers have teams in such sports as basketball, volleyball, swimming, baseball, and soccer. These competitive games receive hearty support from many students and afford an opportunity for active participation. Practically all of the students at Clemson participate in some form of recreation or an intramural sport. Quite a number take part in many intramural sports. Participation is voluntary, but the majority of the students take advantage of this opportunity for wholesome recreation and physical direction. A director and trained student leaders are provided by the YMCA and these cooperate with A & R officers and with interested veterans.

ATHLETICS

It is the policy of the College to sanction and encourage athletics so long as participation does not interfere with studies and other duties. Football, baseball, basketball, and track are the most popular sports.

The College is a member of the Southern Conference and of the South Carolina Inter-collegiate Athletic Association. In order to participate in inter-collegiate athletics, the student must meet the requirements of the Southern Conference as well as the requirements of the College.

No member of an athletic team is eligible for a managerial position in any other branch of sport.

No team is allowed to leave the College grounds to participate in any match game unless accompanied by the authorized coach or other member of the faculty, who shall be responsible to the College for the conduct of the players while away.

No student is eligible to participate in an inter-collegiate contest who is away from the College without proper authority or without having complied with all the rules or orders issued by the President regarding such matters.

MEDALS AND HONORS

Trustees' Medal. The Board of Trustees has provided for a gold medal to be awarded annually at Commencement to the best speaker among the representatives of the literary societies.

The medal was awarded in 1947 to Talley Smith Fox, Ravenel, South Carolina.

Norris Medal. The following is from the will of the Hon. D. K. Norris, a life trustee of Clemson, who died in 1905:

"I give $500 face value, Norris Cotton Mill stock . . . on condition the dividend thereon shall be applied annually to the purchase of a gold medal, to be known as the 'Norris Medal', to be awarded to the student of Clemson meriting the same at graduation, under such rules and conditions as may be prescribed by the said Board of Trustees, and which medal shall have engraved on it 'Honor habet onus' (Honor brings responsibility)."

In view of the small number of graduates the medal was not awarded during 1944, 1945 and 1946, therefore, two medals were awarded to graduates during the interim period. A third medal was given to a member of the 1947 graduating class. The awards were as follows:

Laconla Hinson Hance of Lancaster who received his Degree in August 1946, Joseph Griffin Mann of Greenville who received his Degree in February 1947, and Andrew Ross Jones of Mt. Sterling, Illinois who received his Degree in June 1947.

R. W. Simpson Medal. A medal designated as the "R. W. Simpson Medal" is awarded annually to the best drilled cadet in the freshman, sophomore or junior class.

In 1947 the medal was awarded to James Gay Hickerson of Greensboro, North Carolina.

Arnold R. Boyd English Honor Key. Arnold R. Boyd, '14, now a lawyer in New York, donates this Honor Key annually to the student in the graduating class who makes the highest average in English during his college course.

In 1947 this award was given to Ira Sheldon Slobodien of Plainsfield, New Jersey.

Architect's Medal. The South Carolina Chapter of the American Institute of Architects each year awards a medal to the outstanding junior or senior in Architecture.

In 1947 the medal was awarded to Edward Harper Shirley of Greenville, South Carolina.

Agricultural Certificates of Merit. Beginning with the session of 1914-1915 certificates of merit have at times been awarded to two farmers in South Carolina who have rendered distinguished service in the agricultural development of the State.

National Association of Cotton Manufacturers Medal. For several years this medal has been awarded to the outstanding graduate in Textile Engineering.

In 1947 this award was given to Roy Benjamin Toms of Iva, South Carolina.

Textile Colorist Prize. This award for the best work done in Textile Chemistry and Dyeing by a member of the graduating class was not given in 1947.

Phi Psi Award. This award is made by the National Honor Council of the Phi Psi Textile Fraternity to the textile graduate who has attained the highest scholastic record in textile courses.

In 1947 this award was given to William Edwin Broadwell, Sumter, South Carolina.

Anderson Fellowship. This fellowship, providing the sum of $400 annually for pursuing graduate study was awarded in 1947 to John Sam Barker of Anderson, South Carolina.

Warwick Chemical Foundation in Memory of Manfred Caranci. The sum of $3,000 to be held as part of the general capital endowment funds and the income to be used from time to time as the governing board shall from time to time designate, primarily for scholarships to encourage education and research in chemistry and to enable worthy students to pursue graduate studies in chemistry, and otherwise to promote chemical education.

Quartermaster Association Annual Awards. The Quartermaster Association, Washington, D. C., sponsors annual awards to the outstanding First Year Advanced Quartermaster Cadet and to the outstanding Second Year Advanced Quartermaster Cadet. The outstanding First Year Advanced Quartermaster Cadet receives a medal of appropriate design upon which is superimposed the insignia of the Quartermaster Association. The outstanding Second Year Advanced Quartermaster Cadet will be presented a scholastic key of similar design.

Candidates for the awards will be selected by the Professor of Military Science and Tactics and the Quartermaster ROTC Instructor.

Howard Carlisle Copeland Memorial Fund. The family of Howard Carlisle Copeland, who gave his life during the recent war, has set up a permanent memorial fund to be known as the Howard Carlisle Copeland Fund. Each year the interest from the fund shall be given to the boy who has made the greatest endeavor financially to stay in college. In 1947 this award was made to John Frederick Alexander of Anderson, South Carolina.

James Lynah Merit Award. Income from fund established by Mr. James Lynah in memory of distinguished professors who were teaching at Clemson when the members of the Class of 1902 were undergraduates shall be used to grant prizes. A sum of money not to exceed the income shall be alloted equally to five young men out of each graduating class who in the opinion of the faculty meet the specific requirements.

The 1947 recipients of the awards of $50 each were: The Mark Bernard Hardin prize in Chemistry to Joseph Arnold Gaines of Glasgow, Kentucky. The Charles Manning Furman prize in English to Henry Franklin Frierson of Union, South Carolina. The William Shannon Morrison prize in History to Lynn Rogers of Clio, South Carolina. The Walter Merritt Riggs prize in Electrical Engineering to Andrew Ross Jones of Mt. Sterling, Illinois. The Augustus G. Shanklin prize in Military Science and Tactics to John McIver Ervin of Darlington, South Carolina.

Ben and Kitty Gossett Scholarship Fund. A trust fund of $10,000 administered by the President of the College and Trustees of the Clemson College Foundation, the interest from which is available for scholarships. First consideration in awarding these scholarships is to be given to young men whose families are employed in the textile mills of South Carolina.

Sears-Roebuck Award. An award of $200 and a free trip to Chicago, given to the Sophomore who makes the highest scholastic average as a Freshman Sears-Roebuck Scholar.

The Borden Agricultural Scholarship. The Borden Company Foundation awards annually the sum of $300 to the eligible Senior achieving the highest average grade on all college work preceding the Senior year. To be eligible for this award, the student must have included in his curricula two or more Dairy subjects.

In 1946 this award was given to John W. Dantzler of Eutawville. In 1947 this award was given to Wayne T. O'Dell of Liberty, South Carolina.

THE

CLEMSON

AGRICULTURAL

COLLEGE

RECORD

PART IV

Organization And Government

PART IV—ORGANIZATION AND GOVERNMENT

ADMINISTRATIVE ORGANIZATION

Board of Trustees. The government of the College is vested in a Board of thirteen members, six of whom are elected by the Legislature, and seven life and self-perpetuating under the Clemson will. The function of this Board is legislative and not executive. The Board determines the general policy of the College, makes the laws for its government, and directs the expenditure of its funds.

The President is the chief executive and administrative officer appointed by the Board of Trustees. He is the head of the College and is responsible for its satisfactory working and success.

The College is divided into schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education. A dean is at the head of each school and is responsible to the President for its conduct and success. The schools are comprised of departments. Each department is in charge of a professor who acts as its head. The President conducts all official business with each department through its dean.

The Faculty consists of all officers of instruction in the College. The voting members are the deans, professors, associate professors, and assistant professors.

The faculty meets once a month, or whenever called by the President, and is an advisory body to the President, on the instructional work of the College and such other business as he may bring before it.

The deans and directors of the various schools and departments meet weekly or when called by the President for consideration of matters affecting the welfare of the College. Departmental faculty meetings are held periodically.

Faculty Committees. In order to aid him in his executive duties and to carry on the instructional work of the College,

the President appoints committees from the faculty. To these are assigned certain specified lines of work and the committees are clothed with full authority.

MILITARY ORGANIZATION

The President. The President of the College shall have general command and government of the institution, watching over its administration, discipline, and instruction. He shall have authority to make rules from time to time, governing the granting of permits and furloughs to cadets; to inspect anything in a cadet's room or personal baggage; to suspend or modify these regulations, or to publish special regulations when he considers it necessary, which shall have the authority of the Board of Trustees until they shall act on the same. He shall prescribe the hours of study, drill, and recreation.

Commandant. The Commandant of Cadets, under the President, has supervision of the discipline of the Corps of Cadets. He shall prescribe the order in which the furniture, bedding, books, clothing, equipment, etc., shall be arranged throughout the barracks and shall make a thorough inspection of the rooms, furniture, arms, equipment and uniforms of the cadets at least once each week. He shall have the right to inspect anything in a cadet's room or personal baggage. He shall perform such other duties as are prescribed in the regulations. He shall have the rank of Colonel.

Assistant Commandants. The Assistant Commandants shall perform such duties as may be prescribed for them by the President or Commandant.

Military Instruction. All students, excepting such students as are excused by the President, must take a minimum of three hours military instruction per week during the first three years. All who pass the required physical examination must take the Elementary Course prescribed by the War Department for the R. O. T. C. during their freshman and sophomore years.

Cadet Officers and Non-commissioned Officers. The cadet officers and non-commissioned officers are appointed by the Pro-

fessor of Military Science and Tactics, subject to the approval of the President. When practicable they shall be appointed from members of the R. O. T. C. who have been most studious and soldier-like in the performance of their duties and most exemplary in their conduct. No cadet may decline any office to which he may be appointed.

As a rule the officers shall be appointed from the senior class, the non-commissioned officers, except corporals, from the junior class, and the corporals from the sophomore class.

Study Hours. Study hours are those parts of the day which are designated for study and shall be prescribed in orders. All hours at which a student has no classes or other duties may be used as study hours and students are expected to use vacant hours during the day as well as the assigned period after supper for study.

Furloughs. Every cadet is responsible for his class absences whether he is on a furlough or at the College. Restrictions regarding class absences are explained in the class attendance regulations. Any cadet who has been granted a furlough and who stays over the time stipulated, unless for sickness or other reason acceptable to the Commandant, will be administered a punishment not to exceed one month's arrest and twenty demerits. In case a cadet is prevented by sickness from returning at the stipulated time, he must submit a certificate from his attending physician. However, no such certificate will be accepted unless the President or the Commandant has been notified in advance of the expiration of the furlough.

Cadets returning late on furlough are placed in room arrest pending an investigation of the reason of the late return.

All communications from parents requesting furloughs for their sons must be addressed or sent directly to "The Commandant," and must set forth fully the reason for the request. No furlough will be granted unless the reasons given are considered satisfactory and sufficient justification for any loss of time from college duties; every student is held responsible for his class absences in accordance with the provisions of the class attendance regulations. Telegrams which do not explain fully will not be

accepted as complying with the rules. In any case in which business is given as a reason, the nature of the business must be explained fully.

A parent has the right to demand a discharge from College at any time and for any reason, but the College authorities reserve the right to grant or refuse furloughs.

Week-End Leaves. Week-end leaves will be granted under conditions prescribed by the President.

Demerits. Any regular cadet who may receive within any one semester more than 90 demerits during his freshman year, or more than 70 demerits during his sophomore year, or more than 60 demerits during his junior year, or more than 50 demerits during his senior year; or any day cadet who may receive within any one semester more than 80 demerits during his freshman year, or more than 60 demerits during his sophomore year, or more than 50 demerits during his junior year, or more than 40 demerits during his senior year shall be required, by the President, to withdraw immediately from College.

Discharge. No cadet unless twenty-one years of age and paying his own way at college shall be honorably discharged except on the written application of his parents or guardian addressed to the President, or for reasons satisfactory to the President.

SCHOLASTIC REGULATIONS

1. *Credits.* The semester hour shall be the basis of all credits. One recitation hour or three laboratory or shop hours a week constitute a semester hour. The standing of a student in his work at the end of a semester shall be based on daily class work, tests or other work, and the final examinations. Written examinations shall be required in all subjects at the end of each semester, except in certain laboratory or practical courses where not deemed necessary by the department faculty. A semester grade once reported to the Registrar shall be the final grade for the period covered.

2. *Grading System.* The grading system is as follows:

A—*Excellent.* Indicates that the student is doing work of a very high character. The highest grade given.

B—*Good.* Indicates work that is satisfactory, though not of the highest order.

C—*Fair.* Indicates work of average or medium character.

D—*Pass.* Indicates work below average and unsatisfactory. The lowest passing grade. For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required.

E—*Conditioned.* Indicates a failure to satisfy the requirements as to daily recitations, tests or other work, as well as to the final examination, which condition in the opinion of the instructor may be made up by reexamination at some fixed time.

F—*Failed.* Indicates that a student knows so little of the subject that it must be repeated in order that credit may be received.

I—*Incomplete Work.* Indicates that a relatively small part of the semester's work remains undone. A Grade I is not to be given a student who has made a grade F on his daily work.

"I-Abs. Ex." Indicates absence from examination on account of sickness or other satisfactory reason.

WP—*Withdrew Passing.* This grade indicates that the student withdrew from the course while doing satisfactory work. The credit hours of a subject on which the grade of WP is received are counted as credits taken in computing the student's grade point ratio.

WF—*Withdrew Failing.* Indicates that the student withdrew from the course while doing unsatisfactory work. The credit hours of a subject on which the grade of WF is received are counted as credits taken in computing the student's grade point ratio.

Reports and Grades. Semester reports are mailed to parents after the end of each semester (usually within two or three weeks.) Mid-semester reports do not form a part of the perma-

nent record in the Registrar's Office, but are sent to parents for their information.

Grade Points. Nine grade points are assigned for each credit hour on which the student receives the grade of A; six grade points for each credit hour of grade B; and three for each credit hour of grade C. No grade points are assigned for grades D. E. or F. In calculating a student's grade-point ratio, the total number of grade points accumulated by the student is divided by the total number of credit hours taken by the student during the semester, session, or other period for which the ratio is calculated.

Dropping Class Work. A subject dropped after the first four weeks of class work is recorded as "Withdrew Passing" or "Withdrew Failing" depending upon the student's grade in the course at the time the subject was dropped.

Upon the recommendation of the instructor and the dean concerned, a student's standing will be investigated and he may be required to drop a subject because of neglect, or lack of application or preparation. No student will be dropped under this rule without approval by the President.

Removal of Grade I. All incomplete grades (I's) for a semester not removed within thirty days after the beginning of the next semester shall become F's unless an extension of time is approved by the instructor concerned and the Registrar.

A student who, for reasons satisfactory to the faculty, is absent from any examinations will be graded I-Abs. Exam. and will be allowed to make up these examinations at such time as is designated for this purpose.

3. *Academic Standards.* Proper discharge of all duties is required at Clemson College, and a student's first duty is his scholastic work. All students should be thoroughly acquainted with and cognizant of these basic requirements.

Minimum Requirements to Continue Enrollment. A student in his first semester of attendance in college to be eligible to continue his enrollment must pass a minimum of six semester credit hours* of work.

A student in his second semester of attendance in college to be eligible to continue his enrollment must pass a minimum of nine semester credit hours* of work.

A student in his third or any later semester of attendance in college to be eligible to continue his enrollment must pass a minimum of twelve semester credit hours* of work.

Any student who fails to meet these minimum standards will be suspended for at least a semester.

Class Attendance Regulations. The 1947-1948 class attendance regulations are as follows:

A. For Students Classified as Freshmen.

(1) While a student's first duty in college is his class work and except for special reasons any student should be in every class on schedule, the college recognizes several justifiable reasons for class absences and authorizes absences for these. In addition, restricted provision is made for a few minor personal emergencies. Rigid penalties are provided for abuse of these regulations.

(2) Absences for the following will be officially authorized:

(a) Sickness. Certified by the college surgeon on the hospital report or by another doctor and endorsed by the college surgeon.

(b) Guard Duty. Certified by the Commandant as the guard detail for the day.

(c) Official representation in intercollegiate athletic contests. Certified by the head coach and proper forms submitted in advance to the Attendance Officer.

(d) Educational trips. Certified by the dean of the school concerned and proper forms submitted in advance to the Attendance Officer.

(e) Personal emergencies of a serious nature, such as death or serious illness in the family, emergencies such as make it absolutely necessary that the student be absent from college, and

*These minimum totals shall be exclusive of courses graded E and exclusive of courses graded I unless there are extenuating circumstances for the I.

very serious emergencies while on the campus. Approved in advance by the Commandant for ROTC students or by the Attendance Officer for veteran students not in the military organization.

(3) To provide for minor personal emergencies a student will not be penalized for one unauthorized absence per semester in each course. These are not to be regarded as "cuts." For any additional unauthorized absence, the student will be dropped from the course.

(4) Any student, who by being dropped for excessive absences, reduces his load below twelve semester credit hours shall be suspended from the college at least for the remainder of that semester and the semester following.

(5) Students shall not request instructors to excuse them from class or to change class periods or examinations. Instructors have no authority to grant such requests. All class work missed on account of authorized absences shall be made up to the satisfaction of the instructor concerned. Instructors will not be obligated to permit a student to make up any work missed during unauthorized absences. If the unauthorized absence is from a previously announced quiz or examination, the student will not be permitted to make that work up and will be given a grade of zero on that assignment.

(6) A student, who for any reason including emergencies as well as sickness and authorized missions, is absent from more than the equivalent of four weeks' work in a subject will be dropped from the subject unless his continuance is authorized by the President's Council.

(7) These regulations will be administered by The Class Attendance Officer.

B. For Students Classified As Sophomores or Higher.

For students who are classified as sophomores or higher more responsibility is placed on the student, and no specific penalties for individual class absences are prescribed. Daily reports of all absences will be recorded. After warning, the Attendance Officer will report any cases of habitual negligence or other abuse of privileges. A student whose record, attendance

or scholastic, is generally unsatisfactory may be required to withdraw from the college at any time. To be eligible to continue his enrollment any student who has been in college two or more semesters must pass in each semester a minimum of twelve semester credit hours of work (exclusive of courses graded E and exclusive of courses graded I unless there are extenuating circumstances for the I).

4. *Promotion and Classification.* Effective in September, 1947, and so long as the institution reclassifies students every semester, the following new classification rules will apply:

A. To be classified as a senior, a student must have completed sufficient scholastic work toward his degree to enable him to complete the requirements for graduation by completing not more than 42 additional credits. To be classified as a senior, a student must also have earned twice as many grade points as the minimum number of credit hours required in his case for senior classification.

B. To be classified as a junior, a student must have completed at least 64 semester credit hours and must have earned at least 128 grade points.

C. To be classified as a sophomore, a student must have completed at least 30 semester credit hours.

D. All new students are classified as freshmen unless they have attended another college prior to entrance and have completed sufficient scholastic work as to enable them to complete the requirements for graduation from Clemson in not more than three regular sessions.

E. *Requirements for Graduation.* For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required. All work must be completed before 5 P. M. on the Thursday preceding Commencement. Residence of at least one regular session shall be required for graduation.

F. *Seniors Failing to Graduate.* A senior who fails to graduate because of one F on a subject or one or more grades of E or I shall have an opportunity of removing the unsatisfactory grades

by examination after commencement provided that he can furnish evidence of having done satisfactory study. A senior who qualifies for graduation under this regulation will be awarded his degree on the next regular date for the award of degrees.

5. *Removal of Conditions.* Only one opportunity shall be given a student to remove a condition (E) by a reexamination. A student who fails to pass such a reexamination shall be required to repeat the subject hour for hour in class. Not more than twelve credit hours of conditions for a session shall be removed by reexamination. A student shall not receive a grade higher than D when a deficiency is removed by reexamination.

Reexaminations shall be held as scheduled by the schedule committee. All conditions (E's) not removed during the time set aside for reexaminations shall become failures.

6. *Removal of Failures.* A student who has failed (made a grade F) in a subject cannot receive credit for that subject until it has been satisfactorily repeated hour for hour in class, except that in the case of correlated laboratory work, the number of hours to be taken shall be determined by the instructor. Where separate grades for class and laboratory work are given, that part of the subject shall be repeated in which the failure occurs.

7. *Special Examinations.* Any request for a special examination must be approved by (1) the instructor concerned, (2) the head of the department concerned, (3) the dean of the school, and (4) the registrar.

8. *Maximum Credit Load.* The normal schedule for a student includes only as many credit hours as are required for the class and course in which he is registered. Students should schedule this amount of work unless their credits are restricted as a result of a poor scholastic record. Students are advised not to exceed the normal schedule except upon approval by the class advisor.

The number of credits which a student may schedule during either semester of the session is governed by his grade point ratio—the most recently calculated cumulative or semester ratio,

whichever is higher: Until such time as a grade-point ratio is available, a freshman is restricted to the requirements of his course or to 20 semester hours, whichever is higher.

Grade-Point Ratio Required	Maximum Credit Hours Which May Be Scheduled
0.00 to 0.99	18
1.00 to 1.99	19
2.00 to 2.99	20
3.00 to 3.99	21
4.00 to 4.99	22
5.00 to 5.99	23
6.00 to 6.99	24
7.00 to 7.99	25
8.00 or above	26

If any student schedules excessive credits, he will be automatically dropped from a sufficient number of subjects to reduce his total credits within the limits. If for any reason a student's excessive registration continues throughout the semester, his credit on one or more subjects passed will be cancelled at the end of the semester.

PART V—DEGREES AND CURRICULA

BACHELORS' DEGREES

The degree of Bachelor of Science is awarded to those students who satisfactorily complete one of the four-year curricula offered under the Schools of Agriculture, Arts and Sciences, Chemistry, Textiles, Vocational Education, and to those students who complete the four-year course in Architecture or Architectural Engineering under the School of Engineering. The five-year course in Architecture leads to the Bachelor of Architecture degree. The degrees of Bachelor of Chemical Engineering, Bachelor of Civil Engineering, Bachelor of Electrical Engineering, and Bachelor of Mechanical Engineering are awarded to the graduates of these respective four-year courses.

The total semester credit hours required for graduation amount to 150 in each of the regular four-year curricula. These credits include the prescribed subjects in each curriculum and an appropriate number of approved electives or technical electives as outlined in the regular four-year curricula.

For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required. Nine grade points are assigned for each credit hour on which the student receives the grade of *A;* six grade points for each credit hour of grade *B;* and three for each credit hour of grade *C.* No grade points are assigned for grades *D, E,* or *F.* Candidates for the degrees listed above are required to apply for their degrees at least two months prior to the date the degrees are to be awarded. These applications should be filled out in the Registrar's Office on the regular blanks provided.

All work for a degree must be completed by 5 P. M. on the Thursday preceding graduating exercises. Residence of at least one regular session is required for graduation. Every candidate for a degree must pay to the Treasurer of the College the cost of his diploma before 5 P. M. on the Thursday preceding graduation.

If all work toward a degree is not completed within five years after entrance, the student may be required to take additional courses.

GRADUATE DEGREES

The College offers graduate work in certain fields to properly qualified applicants from this and other institutions. Students interested in graduate work should consult with the chairman of the Committee on Graduate Work, the Registrar, and the Dean of the school or the head of the department concerned.

PROFESSIONAL DEGREES

The College offers the following professional engineering degrees: Civil Engineer, Electrical Engineer and Mechanical Engineer.

The requirements for these degrees are: (a) a Bachelor's degree from Clemson College in one of these three branches in engineering, (b) five years of subsequent professional experience, one year of which must have been in responsible charge of engineering or engineering instruction, (c) the preparation of a thesis demonstrating distinct technical ability. (Detailed information regarding professional degrees may be obtained from the Registrar.)

CURRICULA

Twenty-six undergraduate curricula are offered under the Schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education. The curricula under each school are listed below:

School of Agriculture
- Agricultural Economics
- Agricultural Engineering
- Agronomy
- Animal Husbandry
- Botany
- Dairy
- Entomology
- Horticulture
- Poultry
- Pre-Forestry

School of Arts and Sciences
- Arts and Sciences
- Industrial Physics
- Pre-Medicine

School of Chemistry
- Chemistry

School of Engineering
- Architecture
- Architectural Engineering

Chemical Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering
SCHOOL OF TEXTILES
Textile Chemistry
Textile Engineering
Textile Manufacturing
SCHOOL OF VOCATIONAL EDUCATION
Vocational Agricultural Education
Education
Industrial Education

While the College is glad to assist all who ask for help in securing employment, it does not guarantee positions to those who complete any of the courses of study.

In the curricula which follow are given the official title and number of the course, the descriptive title, the number of semester hours credit, and in parentheses the number of hours per week in class and laboratory, respectively.

SCHOOL OF AGRICULTURE

Organized under the School of Agriculture are nine curricula, including Agricultural Economics, Agricultural Engineering, Agronomy, Animal Husbandry, Botany, Dairying, Entomology, Horticulture, and Poultry. In general, the work of agricultural graduates may be classified in six rather broad fields: Farming, both general and specialized; agricultural extension service, including county agent work and extension specialists; research, especially work with the agricultural experiment stations; government regulatory work, such as plant inspection with the U. S. Bureau of Entomology and Plant Quarantine; teaching in college after appropriate graduate work is completed; and a host of occupations with commercial concerns, such as seed companies, meat packers, fertilizer companies, florists, canneries, agricultural implement concerns, etc. To illustrate the types of work in which graduates of each curriculum engage, a few of the many occupations of agricultural graduates are given below.

AGRICULTURE

For additional requirements see also *Requirements for Degrees*

Basic Curriculum

Required of all agricultural students except those in Agricultural Engineering and Pre-Forestry.

Freshman Year

First Semester			*Second Semester*		
A H 101 Types and Breeds	3	(2,3)	Agron 101 Farm Crops	3	(3,0)
Bot 101 General Botany	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Chem 101 General Chemistry	4	(3,3)	Engl 102 Comp. and Lit.	3	(3,0)
Engl 101 Comp. and Lit.	3	(3,0)	Math 102 Trigonometry	3	(3,0)
Math 101 College Algebra	3	(3,0)	Zool 101 General Zoology	4	(3,3)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	18			18	

Sophomore Year

Ag Ec 201 Agric. Economics	3	(3,0)	Agron 202 Soils	3	(2,3)
Ag En 201 Farm Machinery	3	(2,3)	Chem 220 Organic Chemistry	4	(3,3)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Dairy 201 Dairying	3	(2,3)
Geol 201 Agric. Geology	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Hort 201 Gen. Horticulture	3	(2,3)	Phys 202 General Physics	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 204 Gen. Phys. Lab.	1	(0,3)
Phys 203 Gen. Phys. Lab.	1	(0,3)	M S 202 Military Drill	0	(0,3)
M S 201 Military Drill	0	(0,3)	M S 204 M. S. & T.—Elem.	1	(2,0)
M S 203 M. S. & T.—Elem.	1	(2,0)			
	20			18	

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

Training in Agricultural Economics and Rural Sociology prepares students wholly or in part for farming; managing farms; appraising land, marketing activities; supervising agricultural loan departments in private banks; directing farmer cooperatives such as the production credit and farm loan associations affiliated with the Farm Credit Administration; educational work as teachers or extension workers; public relations research and sales work for the manufacturers of agricultural implements, fertilizers, etc.; organizational and publicity work for farm organizations and cooperative associations; positions in state, county and local government service; research work in farm management, farm credit, taxation, marketing, farm population and rural life trends; farm planning work for the Soil Conservation Service; and for operating numerous enterprises where a knowledge of economic principles is an essential supplement to knowledge of the technical requirements of the business.

AGRICULTURAL ECONOMICS MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)	
Ag Ec 305 Farm Accounting	2	(1,3)	
Ag Ec 309 Marketing	3	(2,3)	
Engl 305 Expository Writing	3	(3,0)	
Hist 301 U. S. since 1865	3	(3,0)	
M S 301 Military Drill	0	(0,3)	
Approved Electives	5		
	19		
Suggested Electives:			
Bact 301 Gen. Bacteriology	4	(3,3)	
M S M. S. & T.—Adv.	3	(4,0)	
Y M 305 Cotton Marketing	1	(0,3)	

Ag Ec 302 Farm Management	4	(3,3)
Ag Ec 352 Public Finance	3	(3,0)
or Ag Ec 356 Agri. Ind. Rel.	3	(3,0)
Engl 301 Public Speaking	3	(3,0)
P H 301 Farm Poultry	4	(3,3)
M S 302 Military Drill	0	(0,3)
Approved Electives	5	
	19	
Suggested Electives:		
Dairy 352 Advertising & Mktg.	3	(3.0)
Ent 301 Elem. & Econ. Ent.	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Ag Ec 401 Statistics	3	(2,3)
Ag Ec 405 Seminar	1	(1,0)
Ag Ec 451 Econ. of Coop.	3	(3,0)
or Ag Ec 455 Internat. Trade	3	(3,0)
Dairy 301 Genetics	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)
M S 401 Military Drill	0	(0,3)
Approved Electives	6	
	19	
Suggested Electives:		
Ag Ec 459 Rural Com. Org.	3	(3,0)
Gov 403 Internat. Relat.	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)
Soc 301 Intro. Sociology	3	(3,0)

Ag Ec 406 Seminar	1	(1,0)
Ag Ec 452 Agric. Policy	3	(3,0)
Ag Ec 456 Prices	3	(3,0)
or Ag Ec 460 Agric. Finance	3	(3,0)
Ag En 301 Soil Conservation	3	(2,3)
Gov 301 Am. G. & Pol. Par.	3	(3,0)
M S 402 Military Drill	0	(0,3)
Approved Electives	6	
	19	
Suggested Electives:		
Econ 302 Money and Banking	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)
Soc 402 The Family	3	(3,0)

AGRONOMY

Agronomy graduates have opportunities in general farming, soil conservation service, agricultural extension and experiment station work, and may also be found as plant breeders, soil analysts, and crop specialists. Other positions include work with commercial concerns such as fertilizer companies, seedsmen, and manufacturers of certain food products.

AGRONOMY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag En 301 Soil Conservation	3	(2,3)	
Agron 301 Fertilizers	3	(3,0)	
Bact 301 Gen. Bacteriology	4	(3,3)	
Engl 301 Public Speaking	3	(3,0)	
M S 301 Military Drill	0	(0,3)	
Approved Electives	6		
	19		
Suggested Electives:			
Ag Ec 301 Rural Sociology	3	(3,0)	
Ent 301 Elem. & Econ. Ent.	3	(2,3)	
M S M. S. & T.—Adv.	3	(4,0)	

Agron 302 Genetics	3	(2,3)
Agron 306 Forage Crops	3	(3,0)
Bot 352 Plant Physiology	4	(3,3)
P H 301 Farm Poultry	4	(3,3)
M S 302 Military Drill	0	(0,3)
Approved Elective	3	
	17	
Suggested Electives:		
Ag Ec 302 Farm Management	4	(3,3)
For 304 Farm Forestry	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Agron 401 Adv. Crop Lab.	1	(0,3)	
Agron 405 Plant Breeding	3	(2,3)	
Agron 409 Cotton & Tobacco	3	(3,0)	
Agron 451 Min. Nutr. Crops	2	(2,0)	
Agron 455 Seminar	1	(1,0)	
Agron 457 Res. and Thesis	1	(0,3)	
Bot 401 Plant Pathology	3	(2,3)	
Psych 301 Gen. Psychology	3	(3,0)	
M S 401 Military Drill	0	(0,3)	
Approved Elective	3		
	20		
Suggested Electives:			
Ag Ec 309 Marketing	3	(2,3)	
Ag Ec 401 Statistics	3	(2,3)	
M S M. S. & T.—Adv.	3	(4,0)	

Agron 452 Soil Management	2	(2,0)	
Agron 454 Adv. Soil Lab.	1	(0,3)	
Agron 456 Seminar	1	(1,0)	
Agron 458 Res. and Thesis	1	(0,3)	
A H 301 Feeds and Feeding	3	(3,0)	
Bact 410 Soil Microbiology	3	(2,3)	
Gov 301 Am. G. & Pol. Par.	3	(3,0)	
M S 402 Military Drill	0	(0,3)	
Approved Electives	6		
	20		
Suggested Electives:			
Ag Ec 460 Agric. Finance	3	(3,0)	
Bot 356 Taxonomy	3	(1,6)	
Bot 402 Economic Botany	3	(2,3)	
M S M. S. & T.—Adv.	3	(4,0)	

ANIMAL HUSBANDRY

Occupations include livestock farming, cattle and swine breeding, extension livestock specialists, feed specialists, county agents, agricultural teachers, research work in animal industry, positions with meat packing companies, feed dealers, freezer locker operators, livestock dealers, and livestock commission brokers.

ANIMAL HUSBANDRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Agron 301 Fertilizers	3	(3,0)	
A H 301 Feeds and Feeding	3	(3,0)	
A H 303 Feeding Lab.	1	(0,3)	
Dairy 301 Genetics	3	(2,3)	
Engl 301 Public Speaking	3	(3,0)	
M S 301 Military Drill	0	(0,3)	
Approved Electives	6		
	19		
Suggested Electives:			
Ag Ec 301 Rural Sociology	3	(3,0)	
Ent 301 Elem. & Econ. Ent.	3	(2,3)	
M S M. S. & T.—Adv.	3	(4,0)	

Ag Ec 302 Farm Management	4	(3,3)	
Agron 306 Forage Crops	3	(3,0)	
A H 306 Judging	1	(0,3)	
A H 310 Pork Production	3	(2,3)	
A H 312 Brds. of Livestock	2	(2,0)	
Gov 301 Am. G. & Pol. Par.	3	(3,0)	
M S 302 Military Drill	0	(0,3)	
Approved Elective	3		
	19		
Suggested Electives:			
Ag Ec 460 Agric. Finance	3	(3,0)	
Ag En 301 Soil Conservation	3	(2,3)	
M S M. S. & T.—Adv.	3	(4,0)	

Senior Year

A H 401 Beef Production	3	(2,3)	
A H 451 Advanced Feeds	2	(2,0)	
A H 455 Farm Meats	2	(0,6)	
Bact 301 Gen. Bacteriology	4	(3,3)	
Psych 301 Gen. Psychology	3	(3,0)	
M S 401 Military Drill	0	(0,3)	
Approved Electives	6		
	20		
Suggested Electives:			
Ag Ec 309 Marketing	3	(2,3)	
A H 405 Advanced Judging	1	(0,3)	
M S M. S. & T.—Adv.	3	(4,0)	
V S 401 Anat. & Physiology	3	(2,3)	

A H 402 Horse & Sheep Pr.	4	(3,3)	
A H 406 Seminar	2	(2,0)	
A H 452 Animal Breeding	3	(2,3)	
A H 456 Advanced Meats	2	(1,3)	
P H 301 Farm Poultry	4	(3,3)	
M S 402 Military Drill	0	(0,3)	
Approved Elective	3		
	18		
Suggested Electives:			
A H 501 Animal Histology	3	(2,3)	
Hort 464 Food Preservation	3	(2,3)	
M S M. S. & T.—Adv.	3	(4,0)	
V S 402 Animal Diseases	3	(2,3)	

BOTANY

Opportunities in Botany include research work with the state and federal agencies as well as with private agencies such as manufacturers of foods and fibers, agricultural chemicals, fertilizers, weed control chemicals, and seedsmen. Occupations in the agricultural extension work, teaching of biological sciences, curators of herbaria, industrial sales and demonstration representatives for companies manufacturing fungicides and herbicides are also available. Plant pathologists also have opportunities in nursery, orchard and food inspection as well as pathologist-plant breeders with seed companies and other research agencies.

BOTANY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	4	(3,3)	Agron 302 Genetics	3	(2,3)
Bot 351 Plant Morphology	4	(2,6)	Bot 352 Plant Physiology	4	(3,3)
Bot 355 Histology	2	(0,6)	Bot 356 Taxonomy	3	(1,6)
Engl 301 Public Speaking	3	(3,0)	Ger 102 Beginner's German	3	(3,0)
Ger 101 Beginner's German	3	(3,0)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			19	
Suggested Electives:			Suggested Electives:		
Engl 302 Business Law	3	(3,0)	Ent 302 General Entomology	3	(2,3)
Hort 301 Prin. Veg. Prod.	3	(2,3)	For 304 Farm Forestry	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Bot 401 Plant Pathology	3	(2,3)	Bot 402 Economic Botany	3	(2,3)
Bot 405 Seminar & Thesis	2	(1,3)	Bot 406 Seminar & Thesis	2	(1,3)
Bot 451 Morph. of Fungi	3	(2,3)	Bot 452 Ecology	4	(2,6)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	P H 301 Farm Poultry	4	(3,3)
Psych 301 Gen. Psychology	3	(3,0)	M S 402 Military Drill	0	(0,3)
M S 401 Military Drill	0	(0,3)	Approved Electives	5	
Approved Electives	6				
	20			18	
Suggested Electives:			Suggested Electives:		
Ag Ec 401 Statistics	3	(2,3)	Agron 452 Soil Management	2	(2,0)
Agron 405 Plant Breeding	3	(2,3)	Agron 454 Adv. Soil Lab.	1	(0,3)
Agron 451 Min. Nutr. Crops	2	(2,0)	Bact 410 Soil Microbiology	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)	Hort 456 Truck Crops	3	(2,3)
			M S M. S. & T.—Adv.	3	(4,0)

DAIRYING

Opportunities in Dairying include dairy farming, dairy plant management, dairy herdsmen for large breeding companies, ice cream manufacturing, laboratory and technical work in dairy plants, milk inspection work, dairy extension specialist, research work with state, federal and commercial organizations, as well as many positions with milk products laboratories and production plants.

DAIRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	4	(3,3)	A H 301 Feeds and Feeding	3	(3,0)
Dairy 301 Genetics	3	(2,3)	Dairy 302 Dairy Technology	3	(2,3)
Dairy 305 Judging	1	(0,3)	*Dairy 306 Market Milk	3	(3,0)
Dairy 309 Nutrition	3	(3,0)	Engl 301 Public Speaking	3	(3,0)
V S 401 Anat. & Physiology	3	(2,3)	P H 301 Farm Poultry	4	(3,3)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Electives	5		Approved Elective	3	
	19			19	
Suggested Electives:			Suggested Electives:		
Ag Ec 401 Statistics	3	(2,3)	Ag Ec 302 Farm Management	4	(3,3)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	A H 310 Pork Production	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)	*Dairy 352 Advertsng. & Mktg.	3	(3,0)
			M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Agron 301 Fertilizers	3	(3,0)	Bact 402 Dairy Bacteriology	3	(2,3)
Dairy 401 Dairy Manufactures	3	(2,3)	Dairy 402 Dairy Manufactures	4	(2,6)
Dairy 405 Breeding	3	(2,3)	Dairy 410 Seminar	2	(2,0)
Dairy 409 Seminar	2	(2,0)	Dairy 452 Feeding & Mgt.	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
Approved Electives	6		Approved Elective	3	
	20			18	
Suggested Electives:			Suggested Electives:		
Engl 302 Business Law	3	(3,0)	Ag Ec 460 Agric. Finance	3	(3,0)
Engl 305 Expository Writing	3	(3,0)	*Dairy 352 Advertsng. & Mktg.	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)
			V S 402 Animal Diseases	3	(2,3)

* Dairy 306 and 352 are given in alternate years.

ENTOMOLOGY

Many Entomology graduates normally enter federal service with the U. S. Bureau of Entomology and Plant Quarantine as research men or as inspectors. Others enter responsible positions in teaching, research and extension staffs of the several State Colleges and Universities. Insecticide manufacturing concerns also attract many Entomology graduates. Beekeeping is also one phase of entomological work.

ENTOMOLOGY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	4 (3,3)	Agron 302 Genetics	3 (2,3)
Engl 301 Public Speaking	3 (3,0)	Bot 352 Plant Physiology	4 (3,3)
Ent 301 Elem. & Econ. Ent.	3 (2,3)	Ent 302 General Entomology	3 (2,3)
Ger 101 Beginner's German	3 (3,0)	P H 301 Farm Poultry	4 (3,3)
Zool 301 Advanced Zoology	3 (2,3)	Zool 306 Game Management	2 (2,0)
M S 301 Military Drill	0 (0,3)	M S 302 Military Drill	0 (0,3)
Approved Elective	3	Approved Elective	3
	19		19

Suggested Electives:

Ag Ec 301 Rural Sociology	3 (3,0)	For 304 Farm Forestry	3 (2,3)
Hort 305 Plant Propagation	3 (2,3)	Ger 102 Beginner's German	3 (3,0)
M S M. S. & T.—Adv.	3 (4,0)	M S M. S. & T.—Adv.	3 (4,0)
		Zool 302 Embryology	3 (2,3)

Senior Year

Bot 401 Plant Pathology	3 (2,3)	Ent 402 Econ. Entomology	3 (2,3)
Ent 401 Econ. Entomology	3 (2,3)	Ent 406 Beekeeping	3 (2,3)
Ent 405 Insect Morphology	3 (2,3)	Ent 452 Taxonomic Ent.	2 (1,3)
Ent 451 Intro. to Research	2 (1,3)	Ent 456 Parasitology	3 (2,3)
Psych 301 Gen. Psychology	3 (3,0)	Ent 460 Seminar	2 (2,0)
M S 401 Military Drill	0 (0,3)	Gov 301 Am. G. & Pol. Par.	3 (3,0)
Approved Electives	6	M S 402 Military Drill	0 (0,3)
		Approved Elective	2
	20		18

Suggested Electives:

Ag Ec 401 Statistics	3 (2,3)	Bot 356 Taxonomy	3 (1,6)
Bot 451 Morph. of Fungi	3 (2,3)	Engl 302 Business Law	3 (3,0)
M S M. S. & T.—Adv.	3 (4,0)	M S M. S. & T.—Adv.	3 (4,0)
Soc 301 Intro. Sociology	3 (3,0)		

HORTICULTURE

Opportunities in Horticulture include vegetable and fruit farm management, nursery management, landscape gardening, fresh fruit and vegetable and food products inspection, plant breeding, agricultural extension service, experiment station research, and food canning, freezing and dehydration. Other occupations include work with florists, seedsmen, fruit products companies, fertilizer companies, fungicide and insecticide manufacturers and dealers, and spraying and dusting equipment manufacturers and dealers.

HORTICULTURE MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Agron 301 Fertilizers	3 (3,0)	Agron 302 Genetics	3 (2,3)
Bact 301 Gen. Bacteriology	4 (3,3)	Bot 352 Plant Physiology	4 (3,3)
Ent 301 Elem. & Econ. Ent.	3 (2,3)	Engl 301 Public Speaking	3 (3,0)
Hort 301 Prin. Veg. Prod.	3 (2,3)	Gov 301 Am. G. & Pol. Par.	3 (3,0)
Hort 305 Plant Propagation	3 (2,3)	Hort 306 Landscape Design	3 (2,3)
M S 301 Military Drill	0 (0,3)	M S 302 Military Drill	0 (0,3)
Approved Elective	3	Approved Elective	3
	19		19

Suggested Electives:

Ag Ec 301 Rural Sociology	3 (3,0)	Ag Ec 302 Farm Management	4 (3,3)
M S M. S. & T.—Adv.	3 (4,0)	Bot 356 Taxonomy	3 (1,6)
		M S M. S. & T.—Adv.	3 (4,0)

Senior Year

Ag Ec 309 Marketing	3	(2,3)	Hort 410 Seminar	1	(1,0)
Bot 401 Plant Pathology	3	(2,3)	Hort 452 Commrcl. Pomology	3	(2,3)
Hort 409 Seminar	1	(1,0)	or Hort 402 Garden Dsgn.	3	(2,3)
Hort 451 Syst. Pomology	3	(2,3)	Hort 456 Truck Crops	3	(2,3)
Hort 455 Breeding H. Crops	3	(2,3)	or Hort 460 Landscape Dsgn.	3	(2,3)
or Hort 405 Nut Culture	3	(2,3)	Hort 464 Food Preservation	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)	P H 301 Farm Poultry	4	(3,3)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
Approved Elective	2		Approved Electives	6	
	18			20	
Suggested Electives:			Suggested Electives:		
Hort 401 Landscape Design	3	(2,3)	Ag En 301 Soil Conservation	3	(2,3)
Hort 415 Floriculture	3	(2,3)	Ent 406 Beekeeping	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)

POULTRY

Graduates in Poultry Husbandry major have opportunities as poultry farm operators, hatchery managers, sales and servicemen with feed manufacturers and poultry equipment concerns, poultry research workers and extension agents.

POULTRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
A H 301 Feeds and Feeding	3	(3,0)	Bact 301 Gen. Bacteriology	4	(3,3)
A H 303 Feeding Lab.	1	(0,3)	Engl 301 Public Speaking	3	(3,0)
Dairy 301 Genetics	3	(2,3)	P H 301 Farm Poultry	4	(3,3)
V S 401 Anat. & Physiology	3	(2,3)	M S 302 Military Drill	0	(0,3)
M S 301 Military Drill	0	(0,3)	Approved Elective	3	
Approved Electives	6				
	19			18	
Suggested Electives:			Suggested Electives:		
Ent 301 Elem. & Econ. Ent.	3	(2,3)	Agron 306 Forage Crops	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)
Zool 301 Advanced Zoology	3	(2,3)	Zool 302 Embryology	3	(2,3)
			Zool 306 Game Management	2	(2,0)

Senior Year

P H 451 Poultry Breeding	3	(2,3)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
P H 455 Grading & Process.	3	(2,3)	Hort 464 Food Preservation	3	(2,3)
P H 459 Dis. & Parasites	3	(2,3)	P H 452 Feed. & Flock Mgt.	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)	P H 456 Incubat. & Brood.	3	(2,3)
M S 401 Military Drill	0	(0,3)	P H 460 Seminar	2	(2,0)
Approved Electives	7		M S 402 Military Drill	0	(0,3)
			Approved Electives	6	
	19			20	
Suggested Electives:			Suggested Electives:		
Ag Ec 309 Marketing	3	(2,3)	Ent 406 Beekeeping	3	(2,3)
Ag Ec 401 Statistics	3	(2,3)	M S M. S. & T.—Adv.	3	(4,0)
Dairy 309 Nutrition	3	(3,0)			
M S M. S. & T.—Adv.	3	(4,0)			

AGRICULTURAL ENGINEERING

Opportunities in Agricultural Engineering include mechanized farming; research with state, federal, and private agencies; sales, service, advertising and design of farm equipment and materials; agricultural extension service with state and federal agencies; employment in the fields of soil conservation, land drainage and reclamation, and irrigation; rural electrification work with power companies, manufacturers of electrical equipment and the Rural Electrification Administration of the United States Department of Agriculture; and private business such as farming, operating machinery dealerships and related lines of business.

AGRICULTURAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	D D 106 Engr. Drawing	2	(0,6)
In En 101 Metal Processes	2	(0,6)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	17			17	

Sophomore Year

Ag En 203 Ag. Engr. Problems	3	(2,3)	Ag En 201 Farm Machinery	3	(2,3)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
In En 202 Wood Processes	2	(0,6)	In En 201 Metal Processes	2	(0,6)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	19			19	

Junior Year

Ag En 351 Farm Tractors	3	(2,3)	Ag En 304 Rur. Electrif.	3	(2,3)
Bot 101 General Botany	4	(3,3)	Agron 101 Farm Crops	3	(3,0)
E E 303 Elec. Circuits & Machines	4	(3,3)	Agron 202 Soils	3	(2,3)
Geol 201 Agric. Geology	3	(3,0)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Mech 302 Statics	3	(3,0)	In En 302 Welding	2	(1,3)
M S 301 Military Drill	0	(0,3)	Mech 304 Mech. of Matr.	3	(3,0)
Approved Elective	3		M S 302 Military Drill	0	(0,3)
			Approved Elective	3	
	20			20	
Suggested Electives:			Suggested Electives:		
Agron 301 Fertilizers	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
D D 305 Kinematics of Mach.	2	(1,3)	D D 306 Machine Design	2	(1,3)
In En 205 Constr. Materials	2	(2,0)	In En 402 Metallurgy	3	(3,0)
Mech 306 Graphic Statics	1	(0,3)	Mech 305 Mech. Matr. Lab.	1	(0,3)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Ag En 401 Soil & Wat. Con. En.	3	(2,3)
Ag En 409 Seminar	1	(1,0)
Ag En 451 Farm Structures	3	(2,3)
Hist 301 U. S. since 1865	3	(3,0)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)
M S 401 Military Drill	0	(0,3)
Approved Electives	6	
	20	

Suggested Electives:

Ag Ec 401 Statistics	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

Ag En 402 Drain. & Irrig.	3	(2,3)
Ag En 406 Adv. Farm Mach.	3	(2,3)
Ag En 410 Seminar	1	(1,0)
Ag En 452 Adv. Farm Struct.	3	(2,3)
Engl 301 Public Speaking	3	(3,0)
Hort 464 Food Preservation	3	(2,3)
M S 402 Military Drill	0	(0,3)
Approved Elective	2	
	18	

Suggested Electives:

Bact 406 Sanitary Bact.	4	(3,3)
Hort 452 Commrcl. Pomology	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

FORESTRY

Students completing the two-year Pre-forestry program at Clemson are qualified to transfer to any of the major forestry institutions in the country. Opportunities exist for work on national forests, state forests, and large private timber lands in technical administrative capacity. Men with training in forest products are also in demand in pulp and paper mills and laboratories and in the mills and developmental laboratories of the larger lumber, plywood and furniture companies in this region and throughout the country.

PRE-FORESTRY

Freshman Year

First Semester

Bot 101 General Botany	4	(3,3)
Chem 101 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)
Math 101 College Algebra	3	(3,0)
M S 101 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)
	17	

Second Semester

Chem 102 General Chemistry	4	(3,3)
C E 101 Intro. Surveying	2	(1,3)
D D 106 Engr. Drawing	2	(0,6)
Engl 102 Comp. and Lit.	3	(3,0)
Math 102 Trigonometry	3	(3,0)
Zool 101 General Zoology	4	(3,3)
M S 102 Military Drill	0	(0,3)
M S 104 M. S. & T.—Elem.	1	(2,0)
	19	

Sophomore Year

C E 201 Surveying	2	(2,0)
C E 203 Topog. Survey. & Map.	1	(0,3)
Engl 201 Lit. & Adv. Comp.	3	(3,0)
For 201 General Forestry	3	(2,3)
Geol 201 Agric. Geology	3	(3,0)
Phys 201 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)
	17	

C E 202 Surveying	2	(2,0)
Econ 201 Prin. of Economics	3	(3,0)
Engl 202 Lit. & Adv. Comp.	3	(3,0)
For 202 Dendrology	4	(3,3)
Phys 202 General Physics	3	(3,0)
Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 202 Military Drill	0	(0,3)
M S 204 M. S. & T.—Elem.	1	(2,0)
	17	

SCHOOL OF ARTS AND SCIENCES

In addition to acting as a service school to all other schools of the College in furnishing the training in the humanities and the social and physical sciences which is essential to the general education of students, the School of Arts and Sciences offers three curricula:

1. The curriculum in Arts and Sciences, leading to the degree of Bachelor of Science in Arts and Sciences.
2. The curriculum in Pre-Medicine, leading to the degree of Bachelor of Science in Pre-Medicine.
3. The curriculum in Industrial Physics, leading to the degree of Bachelor of Science in Industrial Physics.

Students majoring in the School of Arts and Sciences should secure from the Dean of the School of Arts and Sciences the *Handbook of Information,* the purpose of which is to provide information to students about possible fields of study, guidance in choosing an appropriate field of concentration, a list of approved electives, and additional information about the requirements for graduation in this school.

ARTS AND SCIENCES

For additional requirements see also *Requirements for Degrees*

The curriculum in Arts and Sciences is planned to meet the needs of those students who desire a broad, general education as a preparation for intelligent citizenship and for vocational efficiency. The first two years are spent in introductory work in various fields, in order to give the student breadth of view and to enable him to take a more intelligent part in his own education.

ARTS AND SCIENCES

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Hist 101 American History	3	(3,0)	Hist 102 American History	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
Modern Language	3	(3,0)	Modern Language	3	(3,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	19			19	

SPECIAL REQUIREMENTS

(1) Before the registration date beginning his Junior year, the student shall select two of the fields of study in the curriculum in Arts and Sciences as fields of concentration. These may be selected from Economics and Sociology, English, Government and History, Mathematics, Physics, Modern Languages, Biological Sciences, and Chemistry. If Chemistry, Mathematics, or Physics is to be chosen as a field of concentration, the basic curriculum for Group I should be selected at the beginning of the Sophomore year.

(2) Twenty-four hours shall be taken in the primary field of concentration and fifteen hours in the secondary field. This work shall be on the Junior-Senior level except that Mathematics 203 and 204 may be used as part fulfillment for this requirement by a student whose field of concentration is Mathematics.

(3) Besides the courses in the primary and secondary fields of concentration, a minimum of 12 additional approved elective hours shall be taken in courses of Junior-Senior level.

(4) The remainder of the elective work may be taken from the list of approved electives.

(5) Students majoring in Arts and Sciences who desire to teach in the public schools may fulfill the requirements for the secondary field of concentration by taking the eighteen hours of Education required by the State Board of Education.

(6) For graduation in Arts and Sciences at least the second year of one foreign language must be completed in college.

(7) The total number of hours required for graduation is 138 hours *plus* the advanced ROTC program *or* 12 hours of approved electives.

GROUP I

CHEMISTRY–MATHEMATICS–PHYSICS

Sophomore Year

Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Modern Language	3	(3,0)	Modern Language	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
Approved Elective	3		Approved Elective	3	
	19			19	

Junior Year

Bot 101 General Botany	4 (3,3)	Zool 101 General Zoology	4 (3,3)
Engl 301 Public Speaking	3 (3,0)	M S 302 Military Drill	0 (0,3)
M S 301 Military Drill	0 (0,3)	Approved Electives	14
Approved Electives	11		
	18		18

Senior Year

M S 401 Military Drill	0 (0,3)	M S 402 Military Drill	0 (0,3)
Approved Electives	19	Approved Electives	19
	19		19

GROUP II

BIOLOGICAL SCIENCES–ECONOMICS AND SOCIOLOGY

ENGLISH–HISTORY AND GOVERNMENT

Sophomore Year

Bot 101 General Botany	4 (3,3)	Engl 202 Lit. & Adv. Comp.	3 (3,0)
Engl 201 Lit. & Adv. Comp.	3 (3,0)	Modern Language	3 (3,0)
Modern Language	3 (3,0)	Phys 202 General Physics	3 (3,0)
Phys 201 General Physics	3 (3,0)	Phys 204 Gen. Phys. Lab.	1 (0,3)
Phys 203 Gen. Phys. Lab.	1 (0,3)	Zool 101 General Zoology	4 (3,3)
M S 201 Military Drill	0 (0,3)	M S 202 Military Drill	0 (0,3)
M S 203 M. S. & T.—Elem.	1 (2,0)	M S 204 M. S. & T.—Elem.	1 (2,0)
Approved Elective	3	Approved Elective	3
	18		18

Junior Year

Engl 301 Public Speaking	3 (3,0)	M S 302 Military Drill	0 (0,3)
M S 301 Military Drill	0 (0,3)	Approved Electives	18
Approved Electives	15		
	18		18

Senior Year

M S 401 Military Drill	0 (0,3)	M S 402 Military Drill	0 (0,3)
Approved Electives	20	Approved Electives	20
	20		20

INDUSTRIAL PHYSICS

The curriculum in Industrial Physics is planned to give thorough preparation in various branches of physics and in related sciences for students planning to use them in industrial applications, and to provide adequate preparation for students planning to take graduate training in physics. In addition to training in physics, this curriculum provides rather extensive training in either chemistry or electrical enginering as most applications of physics in industry will require one or the other. The courses in physics combine a sound theoretical background with laboratory practice in the technique of precision measurements.

The freshman year of this curriculum is the same as that for engineering students. This allows a student to postpone his decision as to whether to take engineering or physics until the beginning of his sophomore year. For a student who would like to spread his physics work over all four years, an alternate course of study has been developed. The freshman year of this course is the same as that for Chemistry students. The class adviser can furnish an outline for the other years.

INDUSTRIAL PHYSICS

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or Gov 101 Amer. Nat'l. Gov't.	3	(3,0)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
Math 103 Freshman Math.	5	(5,0)	Engl 102 Comp. and Lit.	3	(3,0)
M S 101 Military Drill	0	(0,3)	Math 104 Freshman Math.	5	(5,0)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 102 Military Drill	0	(0,3)
			M S 104 M. S. & T.—Elem.	1	(2,0)
	17			17 or 18	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
or In En 201 Metal Processes	2	(0,6)	or Approved Electives	2 - 6	
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
or Phys 211 G. Phys. for Engr.	4	(4,0)	or Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
Approved Elective	2 - 3				
	19			19 or 20	

Junior Year

Chem 221 Elem. Org. Chem.	5	(3,6)	Chem 222 Elem. Org. Chem.	5	(3,6)
or E E 307 D.C. Circ. & Mach.	4	(3,3)	or E E 308 A.C. Circ. & Mach.	4	(3,3)
Hist 301 U. S. since 1865	3	(3,0)	Engl 301 Public Speaking	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)	Phys 304 Descript. Astronomy	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)	or Phys 308 Sound & Ac'us's.	3	(3,0)
Phys 321 Mech. & Prop. Mat.	3	(3,0)	Phys 312 Heat & Kinetic Th.	3	(3,0)
Phys 323 Experimental Mech.	2	(0,6)	Phys 314 Experimental Heat	2	(0,6)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	2 - 3		Approved Elective	2 - 3	
	19			18	

Senior Year

Chem 331 &333 Phys. Chem.	5	(3,6)	Chem 332 & 334 Phys. Chem.	5	(3,6)
or E E 320 Electronics	4	(3,3)	or E E (as approved)	4	
Phys 341 Magnetism & Elec.	3	(3,0)	Phys 332 Light	3	(3,0)
Phys 343 Experimental Elec.	2	(0,6)	Phys 334 Experimental Light	2	(0,6)
M S 401 Military Drill	0	(0,3)	Phys 452 Atom. & Nucl. Ph.	3	(3,0)
Approved Electives	10 - 11		M S 402 Military Drill	0	(0,3)
			Approvel Electives	7 - 8	
	20			20	

PRE-MEDICINE

The curriculum in Pre-Medicine is designed to meet the general entrance requirements of standard medical colleges. Since, however, requirements for entrance to various medical schools are not uniform, the student before choosing his electives should consult the specific requirements of the medical college of his preference.

Those preparing for the study of medicine are advised to complete four years of undergraduate work before entering a medical school. Clemson College, however, will award the degree of Bachelor of Science in Pre-Medicine to a student who, after completing all requirements of the first three years of the Pre-Medical course, is graduated from a medical college approved by the American Medical Association. Requirements of the first three years would be three-fourths of the number of hours required for graduation, including required courses for the first three years.

The total number of hours required for graduation is 138 hours *plus* the advanced ROTC program *or* 12 hours of approved electives.

PRE-MEDICINE

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Fr 101 Beginner's French	3	(3,0)	Fr 102 Beginner's French	3	(3,0)
or Ger 101 Beginner's Ger.	3	(3,0)	or Ger 102 Beginner's Ger.	3	(3,0)
Hist 101 American History	3	(3,0)	Hist 102 American History	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	19			19	

Sophomore Year

Chem 211 Qual. Analysis	3	(1,6)	Bot 101 General Botany	4	(3,3)
D D 101 Freehand Drawing	1	(0,3)	Chem 212 Quan. Analysis	3	(1,6)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. and Adv. Comp.	3	(3,0)
Fr 201 Intermediate French	3	(3,0)	Fr 202 Intermediate French	3	(3,0)
or Ger 201 Intermediate Ger.	3	(3,0)	or Ger 202 Intermediate Ger.	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
Zool 101 General Zoology	4	(3,3)	M S 202 Military Drill	0	(0,3)
M S 201 Military Drill	0	(0,3)	M S 204 M. S. & T.—Elem.	1	(2,0)
M S 203 M. S. & T.—Elem.	1	(2,0)			
	19			18	

Junior Year

Chem 221 Elem. Org. Chem.	5	(3,6)	Chem 222 Elem. Org. Chem.	5	(3,6)
Econ 201 Prin. of Economics	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Engl 301 Public Speaking	3	(3,0)	M S 302 Military Drill	0	(0,3)
M S 301 Military Drill	0	(0,3)	Approved Electives	9	
Approved Electives	6				
	17			17	

Senior Year

Bact 301 Gen. Bacteriology	4	(3,3)	Hist 304 Hist. of Civ.	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)	Psych 302 Social Psychology	3	(3,0)
Psych 301 Gen. Psychology	3	(3,0)	Soc 301 Intro. Sociology	3	(3,0)
Zool 301 Advanced Zoology	3	(2,3)	Zool 302 Embryology	3	(2,3)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
Approved Electives	7		Approved Electives	9	
	20			21	

SCHOOL OF CHEMISTRY

CHEMISTRY

This curriculum is designed to give the student a thorough knowledge of the fundamental principles of chemistry. The course is so arranged that each student takes approximately the same number of hours of work in each of the four fundamental branches of chemistry,—Inorganic, Analytical, Organic and Physical. Additional work may be scheduled in any of these fields in which the student is particularly interested. The number of allowable elective credits is great enough to enable the student to take work in related fields such as engineering, textile chemistry, physics, bacteriology, etc. Graduates of the Chemistry curriculum are prepared for employment in any of the chemical industries in laboratory, plant control or sales work, as well as in Government Laboratories or State Experiment Stations. Many of our graduates go to other institutions for graduate work and the number of our Chemistry graduates who have obtained graduate degrees is impressive. These men are well distributed through industry and research institutions.

CHEMISTRY

For additional requirements see also *Rcquirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 103 General Chemistry	4	(3,3)	Chem 104 General Chemistry	4	(3,3)
D D 101 Freehand Drawing	1	(0,3)	D D 102 Technical Drawing	1	(0,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	18			18	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
Chem 221 Organic Chemistry	5	(3,6)	Chem 222 Organic Chemistry	5	(3,6)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	18			18	

Junior Year

Chem 321 Qual. Org. Anal.	4	(2,6)	Chem 312 Gas Analysis	3	(1,6)
Chem 331 Physical Chemistry	3	(3,0)	Chem 332 Physical Chemistry	3	(3,0)
Chem 333 Physical Chem. Lab.	2	(0,6)	Chem 334 Physical Chem. Lab.	2	(0,6)
Ger 101 Beginner's German	3	(3,0)	Ger 102 Beginner's German	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
*Approved Electives	8		*Approved Electives	9	
	20			20	

Senior Year

Chem 401 Adv. Inorg. Chem.	3	(3,0)	Chem 402 Adv. Inorg. Chem.	3	(3,0)
Chem 411 Adv. Quant. Anal.	3	(1,6)	Chem 432 Colloid Chemistry	2	(2,0)
Chem 431 Colloid Chemistry	2	(2,0)	Chem 442 Chem. Literature	2	(1,3)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
*Approved Electives	11		*Approved Electives	12	
	19			19	

* Electives:

For the degree of B. S. in Chemistry, a student must elect at least 18 hours in History, Government, Public Speaking, Business Law, Economics, Sociology, Psychology, etc.

Suggested Electives:			Suggested Electives:		
Bact 301 Gen. Bacteriology	4	(3,3)	Chem 404 Inorganic Synthesis	2	(0,6)
Chem 441 Glass Manipulation	2	(0,6)	Chem 412 Technical Analysis	3	(1,6)
Chem 443 Research Problems	3	(0,9)	Chem 422 Organic Synthesis	4	(1,9)
Ger 201 Intermediate German	3	(3,0)	Chem 434 Colloid Chem. Lab.	2	(0,6)
Math 305 Inter. Calculus	3	(3,0)	Chem 444 Research Problems	3	(0,9)
M S M. S. & T.—Adv.	3	(4,0)	Geol 306 Mineralogy	4	(3,3)
Phys 301 Intro. to Mod. Phys.	3	(3,0)	Ger 202 Intermediate German	3	(3,0)
Phys 341 Magn. and Elect.	3	(3,0)	Math 306 Ord. Diff. Equa.	3	(3,0)
Phys 343 Exp. Electricity	2	(0,6)	M S M. S. & T.—Adv.	3	(4,0)
			Phys 452 Atom. & Nucl. Phys.	3	(3,0)

SCHOOL OF ENGINEERING

Six curricula are offered under the School of Engineering including Architecture, Architectural Engineering, Chemical Engineering, Civil Engineering. Electrical Engineering, and Mechanical Engineering. The curricula in Civil, Electrical, and Mechanical Engineering are accredited by the Engineers Council for Professional Development.

While the School of Engineering does not offer specific options or majors under each of these curricula, the training includes many phases of each respective field. Thus, a Civil Engineering student is graduated in Civil Engineering rather than hydraulic engineering, highway engineering, sanitary engineering or other such options, but the curriculum in Civil Engineering includes definite training along these lines. In the same way, the other engineering curricula include thorough training in various phases of the field of specialization without over-emphasizing one phase to the neglect of others.

All engineering consists of the application of the laws of physics, chemistry, and mathematics to the solution of specific problems. Furthermore, any engineer must be able to express his ideas both in words and in drawings. For these two reasons the first two years of all the branches of engineering here listed are substantially the same and deal largely with the fundamentals mentioned above.

An engineer in any branch should understand the methods of fabrication of machine parts and the possibilities and limitations of various methods. For this reason shop courses are included in all engineering curricula. These courses are not manual training in nature and do not deal with the acquisition of specific skills.

In all curricula, over-specialization is carefully avoided by the inclusion of subjects which involve the most direct application of the basic sciences and which serve to develop habits of orderly analysis and logical thinking.

ARCHITECTURE AND ARCHITECTURAL ENGINEERING

The full professional courses in Architecture and Architectural Engineering as given below lead to the Bachelor of Science degree in the respective courses at the end of the fourth year, and to the Bachelor of Architecture degree at the end of the fifth year. The two courses are the same in the freshman and sophomore years. Those students interested in architectural design continue in the course in Architecture and those interested in construction pursue the course in Architectural Engineering.

The courses are broad in scope, fitting the graduate not only for the practice of architecture, but for a number of allied professions. All work is individual and every effort is made to develop the students' individuality, imagination and creative ability. Skillful draftsmanship and artistic presentation are insisted upon.

The South Carolina State Board of Architectural Examiners accept the diploma of this Department as equivalent to two years' work in a practicing architect's office, otherwise required. The department is a member of the Association of Collegiate Schools of Architecture.

As Architecture is one of the fine arts much time is given to freehand drawing, color work, history of architecture, painting and sculpture. Architectural design and building construction are the two major subjects and greatest attention is paid to them throughout the entire course. The two courses parallel each other and insofar as feasible are integrated one with the other. In these the student is given a written program of requirements of a building or group of buildings and under the criticism of the instructor creates a design embodying his own ideas.

Fundamental courses are given in mathematics, graphic statics, strength of materials, reinforced concrete, steel, building materials and details, and in working drawings which consist of complete plans and specifications for a building prepared as in the office of the practicing architect.

The architectural library adjoining the drafting rooms is a working library with many volumes concerning architecture and

allied subjects, photographic plans and illustrations, lantern slides, drawings, models and files of the leading architectural magazines, both American and foreign. Books of this type purchased by the main College library are deposited in the architectural library. In the structural drafting room is a complete built-in exhibit of building materials and appliances especially arranged for instructional purposes.

Each spring students are expected to take an educational trip to a large city to study examples of architecture and construction.

Six weeks of practical architectural work approved by the architectural faculty are required for graduation.

ARCHITECTURE

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Arch 101 Elements of Design	3	(0,9)	Arch 102 Architectural Design	2	(0,6)
Arch 105 Freehand Drawing	1	(0,3)	Arch 106 Freehand Drawing	2	(0,6)
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	17			17	

Sophomore Year

Arch 201 Arch. Design	4	(0,12)	Arch 202 Arch. Design	4	(0,12)
Arch 205 Elem. Rendering	1	(0,3)	Arch 206 Adv. Rendering	1	(0,3)
Arch 209 Hist. of Arch.	3	(3,0)	Arch 210 Hist. of Arch.	3	(3,0)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Math 201 Diff. Calculus	3	(3,0)	Math 202 Integral Calculus	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	19			19	

Junior Year

Arch 301 Arch. Design	6	(0,18)	Arch 302 Arch. Design	6	(0,18)
Arch 305 Water Color	1	(0,3)	Arch 306 Adv. Water Color	1	(0,3)
Arch 309 Hist. of Arch.	2	(2,0)	Arch 316 Bldg. Construction	2	(2,0)
Arch 315 Bldg. Construction	2	(2,0)	Arch 318 Working Drawings	1	(0,3)
Arch 317 Working Drawings	1	(0,3)	Engl 301 Public Speaking	3	(3,0)
Mech 302 Statics	3	(3,0)	Mech 304 Mech. of Matr.	3	(3,0)
Mech 306 Graphic Statics	1	(0,3)	M S 302 Military Drill	0	(0,3)
M S 301 Military Drill	0	(0,3)	Approved Elective	3	
Approved Elective	3				
	19			19	

Senior Year

Arch 401	Arch. Design	7 (0,21)	Arch 402	Arch. Design	7 (0,21)
Arch 405	Life Drawing	1 (0,3)	Arch 406	Arch. Modeling	1 (0,3)
Arch 415	Bldg. Design	2 (2,0)	Arch 410	History of Art	3 (3,0)
Arch 417	Structural Details	2 (0,6)	Arch 416	Bldg. Design	2 (2,0)
Arch 419	Mechanical Plant	2 (2,0)	Arch 418	Structural Details	2 (0,6)
C E 409	Reinf. Concrete	4 (3,3)	Arch 420	Profess. Practice	1 (1,0)
M S 401	Military Drill	0 (0,3)	M S 402	Military Drill	0 (0,3)
Approved Elective		2	Approved Electives		4
		20			20

Fifth Year

Arch 431	Arch. Design	8 (0,24)	Arch 432	Arch. Design	8 (0,24)
Arch 435	Seminar	1 (0,3)	Arch 436	Seminar	1 (0,3)
Arch 439	Hist. of Arch.	3 (3,0)	Arch 440	Hist. of Arch.	3 (3,0)
Arch 445	Bldg. Design	1 (0,3)	Arch 446	Bldg. Design	1 (0,3)
Arch 447	City Planning	3 (1,6)	Arch 448	City Planning	3 (1,6)
Approved Electives		4	Approved Electives		4
		20			20

Four-year course leads to the degree of Bachelor of Science in Architecture.

Five-year course leads to the degree of Bachelor of Architecture.

ARCHITECTURAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Arch 101	Elements of Design	3 (0,9)	Arch 102	Architectural Design	2 (0,6)
Arch 105	Freehand Drawing	1 (0,3)	Arch 106	Freehand Drawing	2 (0,6)
Chem 101	General Chemistry	4 (3,3)	Chem 102	General Chemistry	4 (3,3)
Engl 101	Comp. and Lit.	3 (3,0)	Engl 102	Comp. and Lit.	3 (3,0)
Math 103	Freshman Math.	5 (5,0)	Math 104	Freshman Math.	5 (5,0)
M S 101	Military Drill	0 (0,3)	M S 102	Military Drill	0 (0,3)
M S 103	M. S. & T.—Elem.	1 (2,0)	M S 104	M. S. & T.—Elem.	1 (2,0)
		17			17

Sophomore Year

Arch 201	Arch. Design	4 (0,12)	Arch 202	Arch. Design	4 (0,12)
Arch 205	Elem. Rendering	1 (0,3)	Arch 206	Adv. Rendering	1 (0,3)
Arch 209	Hist. of Arch.	3 (3,0)	Arch 210	Hist. of Arch.	3 (3,0)
Engl 201	Lit. & Adv. Comp.	3 (3,0)	Engl 202	Lit. & Adv. Comp.	3 (3,0)
Math 201	Diff. Calculus	3 (3,0)	Math 202	Integral Calculus	3 (3,0)
Phys 201	General Physics	3 (3,0)	Phys 202	General Physics	3 (3,0)
Phys 203	Gen. Phys. Lab.	1 (0,3)	Phys 204	Gen. Phys. Lab.	1 (0,3)
M S 201	Military Drill	0 (0,3)	M S 202	Military Drill	0 (0,3)
M S 203	M. S. & T.—Elem.	1 (2,0)	M S 204	M. S. & T.—Elem.	1 (2,0)
		19			19

Junior Year

Arch 301 Arch. Design	6	(0,18)
Arch 305 Water Color	1	(0,3)
Arch 315 Bldg. Construction	2	(2,0)
Arch 317 Work. Drawings	1	(0,3)
C E 101 Intro. Surveying	2	(1,3)
Mech 302 Statics	3	(3,0)
Mech 306 Graphic Statics	1	(0,3)
M S 301 Military Drill	0	(0,3)
Approved Elective	3	
	19	

Arch 302 Arch. Design	6	(0,18)
Arch 306 Adv. Water Color	1	(0,3)
Arch 316 Bldg. Construction	2	(2,0)
Arch 318 Work. Drawings	1	(0,3)
C E 309 Stress Analysis	2	(0,6)
Engl 301 Public Speaking	3	(3,0)
Mech 304 Mech. of Matr.	3	(3,0)
Mech 305 Mech. Matr. Lab.	1	(0,3)
M S 302 Military Drill	0	(0,3)
	19	

Senior Year

Arch 425 Construction	6	(2,12)
C E 310 Elementary Design	2	(0,6)
Phys 308 Sound & Acoustics	3	(3,0)
M S 401 Military Drill	0	(0,3)
Technical Elective	3	
Approved Electives	6	
	20	
Technical Electives:		
Arch 447 City Planning	3	(1,6)
E E 303 Elec. Circuits & Mach.	4	(3,3)
General Electives:		
Econ 201 Prin. of Economics	3	(3,0)
Econ 301 Labor Problems	3	(3,0)
Econ 401 Accounting	3	(3,0)
Elective English	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)
Psych 301 Gen. Psychology	3	(3,0)

Arch 420 Profess. Practice	1	(1,0)
Arch 426 Construction	6	(2,12)
C E 409 Reinf. Concrete	4	(3,3)
C E 415 Soil Mechanics	3	(2,3)
M S 402 Military Drill	0	(0,3)
Technical Elective	3	
Approved Elective	3	
	20	
Technical Electives:		
Arch 448 City Planning	3	(1,6)
C E 416 Contracts	2	(2,0)
M E 302 Mech. Engr.	3	(3,0)
M E 304 Mech. Engr.	1	(0,3)
General Electives:		
Econ 202 Prin. of Economics	3	(3,0)
Econ 302 Money and Banking	3	(3,0)
Elective English	3	(3,0)
Gov 302 State and Local Gov.	3	(3,0)
Gov 403 Internat'l. Relat.	3	(3,0)
Hist 304 Hist. of Civ.	3	(3,0)
Psych 302 Social Psychology	3	(3,0)
Soc 301 Intro. Sociology	3	(3,0)

CHEMICAL ENGINEERING

This course is designed to give a sound training in Chemical Engineering for those who wish to enter the process industries. In addition to the direct work in Unit Operations and Unit Processes, a solid background of chemistry, mathematics, physics, and general engineering is provided. The ever changing and increasingly complex chemical industry demands a well trained, adaptive personnel. The rule-of-thumb methods of the turn of the century are no longer adequate for the chemical engineer's principal tasks, design and operation of process plants and converting the discoveries of the research laboratory into industrial reality.

Chemical Engineering graduates are principally employed in direct manufacturing, research and development work, technical service, and in the sales divisions of chemical and allied industrial organizations.

CHEMICAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 103 General Chemistry	4	(3,3)	Chem 104 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Surveying	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T. Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	17			17	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
In En 201 Metal Processes	2	(0,6)	Math 204 Integral Calculus	5	(5,0)
Math 203 Diff. Calculus	5	(5,0)	Mech 302 Statics	3	(3,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	20			21	

Junior Year

Ch En 301 Prin. Chem. Engr.	3	(3,0)	Ch En 302 Prin. Chem. Engr.	3	(3,0)
Ch En 305 Unit Operations	1	(0,3)	Ch En 306 Unit Operations	1	(0,3)
Chem 221 Organic Chemistry	5	(3,6)	Chem 222 Organic Chemistry	5	(3,6)
Chem 331 Physical Chemistry	3	(3,0)	Chem 332 Physical Chemistry	3	(3,0)
Chem 333 Phys. Chem. Lab.	2	(0,6)	Chem 334 Phys. Chem. Lab.	2	(0,6)
Mech 303 Kinetics	3	(3,0)	Mech 304 Mech. of Matr.	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	2		Approved Elective	2	
	19			19	

Senior Year

Ch En 401 Prin. Chem. Engr.	3	(3,0)	Ch En 404 Chem. Industries	3	(3,0)
Ch En 403 Chem. Industries	3	(3,0)	Ch En 406 Ind. Chem. Calc.	2	(2,0)
Ch En 405 Unit Operations	2	(0,6)	Ch En 410 Plant Design	2	(0,6)
Ch En 409 Plant Design	2	(0,6)	Ch En 412 Chem. Projects	3	(0,9)
Ch En 415 Ch. En. Seminar	0	(1,0)	Ch En 416 Ch. En. Seminar	0	(1,0)
E E 303 Elec. Circuits & Mach.	4	(3,3)	M E 302 Mech. Engr.	3	(3,0)
M S 401 Military Drill	0	(0,3)	M E 304 Mech. Engr. Lab.	1	(0,3)
Approved Electives	6		M S 402 Military Drill	0	(0,3)
			Approved Elective	3	
	20			17	

Suggested Electives:

Chem 431 Colloid Chemistry	2	(2,0)	Chem 432 Colloid Chemistry	2	2,0)
Econ 201 Prin. of Economics	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Econ 301 Labor Problems	3	(3,0)	Econ 302 Money and Banking	3	(3,0)
Econ 401 Accounting	3	(3,0)	Elective English	3	(3,0)
Elective English	3	(3,0)	Gov 403 Internat'l. Relat.	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)	Hist 304 Hist. of Civ.	3	(3,0)
Modern Language	3	(3,0)	Modern Language	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)	Phys 452 Atom and Nucl. Ph.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)	Psych 302 Social Psychology	3	(3,0)
Psych 301 Gen. Psychology	3	(3,0)	Soc 301 Intro. Sociology	3	(3,0)

CIVIL ENGINEERING

This course is intended to prepare young men for entrance upon professional practice in Civil Engineering and also to meet the needs of those who, having been engaged in engineering work without a course of instruction in the technical details thereof, desire to equip themselves for more successful competition with those who have had the benefit of such instruction.

In connection with the technical studies, liberal training is given in English, economics, mathematics, physics and chemistry. This course also embraces a considerable amount of drawing and shop work and short courses in electrical engineering and mechanical engineering.

The distinctive work pursued by students in Civil Engineering includes: the field and office work of land surveying, topographic surveying and mapping, and leveling; the location and construction of railroads and highways; bridges, and other related structures; the investigation of the strength of the materials of construction and the theories involved in their use; masonry construction, including reinforced concrete; foundations; a study of soil mechanics and a laboratory course in soil analysis; a particular study of highway engineering, including a laboratory course covering all the standard tests of highway materials, both bituminous and non-bituminous; municipal and sanitary engineering, which includes the study of bacteriology, water supply, sewerage and drainage; and a brief study of engineering law relating to contracts and specifications.

Positions held by Civil Engineering graduates include resident engineer, engineer in charge of flood control, bridge designer, construction superintendents, city engineer, railroad maintenance and construction engineer, and also such positions as Testing Engineer, State Highway Engineer, and Chief Highway Commissioner.

A summer surveying camp between the sophomore and junior years is normally an integral part of the course in Civil Engineering, but this feature was suspended during the war, and has not yet been reinstated.

CIVIL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Surveying	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	17			17	

Sophomore Year

C E 201 Surveying	2	(2,0)	C E 202 Surveying	2	(2,0)
C E 203 Topog. Survey. & Map.	1	(0,3)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
C E 205 C. E. Problems	2	(1,3)	Math 204 Integral Calculus	5	(5,0)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Mech 302 Statics	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Mech 306 Graphic Statics	1	(0,3)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	19			20	

C E 300 Summer Surveying Camp 2

Junior Year

C E 305 Route Surveying	3	(3,0)	C E 306 Roads & Pavements	4	(3,3)
C E 309 Stress Analysis	2	(0,6)	C E 310 Elementary Design	2	(0,6)
Econ 201 Prin. of Economics	3	(3,0)	Engl 301 Public Speaking	3	(3,0)
E E 303 Elec. Circuits & Mach.	4	(3,3)	Geol 406 Engr. Geology	3	(3,0)
Mech 304 Mech. of Matr.	3	(3,0)	M E 302 Mech. Engr.	3	(3,0)
Mech 305 Mech. Matr. Lab.	1	(0,3)	M E 304 Mech. Engr. Lab.	1	(0,3)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			19	

Senior Year

C E 401 Structural Design	3	(2,3)	Bact 406 Sanitary Bact.	4	(3,3)
C E 405 Road Lab.	1	(0,3)	C E 402 Structural Analysis	2	(2,0)
C E 409 Reinf. Concrete	4	(3,3)	C E 406 Road Lab.	1	(0,3)
C E 415 Soil Mechanics	3	(2,3)	C E 410 Mun. & San. Engr.	5	(5,0)
Mech 401 Fluid Mechanics	3	(3,0)	C E 416 Contracts	2	(2,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)	M S 402 Military Drill	0	(0,3)
M S 401 Military Drill	0	(0,3)	Technical Elective	2	
Approved Elective	3		Approved Elective	3	
	18			19	

Suggested Electives:

C E 417 City Planning	2	(2,0)	C E 452 Adv. Struct. Anal.	2	(2,0)
Econ 301 Labor Problems	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Econ 401 Accounting	3	(3,0)	Econ 302 Money and Banking	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)	Hist 304 Hist. of Civ.	3	(3,0)
In En 205 Constr. Materials	2	(2,0)	In En 302 Welding	2	(1,3)
Math 305 Intermediate Calc.	3	(3,0)	Math 306 Ord. Diff. Equa.	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)	Mech 460 Hydrology	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)	Mech 462 Water Power Engr.	3	(3,0)
Psych 301 Gen. Psychology	3	(3,0)	Phys 304 Descript. Astronomy	3	(3,0)
Religion	3	(3,0)	Psych 302 Social Psychology	3	(3,0)
			Religion	3	(3,0)
			Soc 301 Intro. Sociology	3	(3,0)

ELECTRICAL ENGINEERING

Engineering deals fundamentally with the control of the energies of nature. Electrical Engineering is that branch of engineering which embraces the conversion of primary energy into electrical form, the transmission and the application of this energy to innumerable devices designed for human service. Some of the more notable applications are domestic appliances, illumination, transportation, communication, and industry motorization.

The curriculum for students in Electrical Engineering contains a selected series of fundamental studies which enable the student to enter any division of the field of Electrical Engineering. In addition the curriculum includes a selected group of broadening and cultural studies.

The first two years are devoted largely to basic sciences and other subjects prerequisite to the general field of engineering. The work of the last two years is more specialized and embraces required and elective courses which are pertinent to the two major fields, Power Engineering and Communication Engineering.

The theoretical courses in science and engineering are paralleled and reinforced by strong laboratory courses through which the student may make his own determinations of the characteristics of engineering materials and machines and other electrical devices. The laboratories are well equipped for this work.

The entire course is directed toward the development of initiative and self-reliance, so that the student may enter his chosen field with reasonable hope of usefulness and success.

ELECTRICAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Survey.	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	17			17	

Sophomore Year

E E 211 Electric Circuits	3	(3,0)	E E 212 Electric Fields	3	(2,3)
Econ 201 Prin. of Economics	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
or In En 201 Metal Processes	2	(0,6)	In En 201 Metal Processes	2	(0,6)
Engl 201 Lit. & Adv. Comp.	3	(3.0)	or Econ 201 Prin. of Econ.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 212 G. Phys. for Engr.	4	(4,0)	Phys 211 G. Phys. for Engr.	4	(4,0)
Phys 214 Gen. Phys. Lab.	1	(0,3)	Phys 213 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	20 or 19			19 or 20	

Junior Year

E E 311 D. C. Machinery	4	(3,3)	E E 316 A. C. Circuits	4	(3,3)
E E 315 A. C. Circuits	3	(3,0)	E E 320 Electronics	4	(3,3)
Engl 301 Public Speaking	3	(3,0)	M E 306 Heat Power	3	(3,0)
M E 305 Heat Power	3	(3,0)	M E 308 Heat Power Lab.	1	(0,3)
Mech 302 Statics	3	(3,0)	Mech 303 Kinetics	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			18	

Senior Year

E E 411 A. C. Machinery	5	(3,6)	E E 412 A. C. Machinery	4	(3,3)
E E 415 Advanced Circuits	3	(3,0)	M E 420 Administration	3	(3,0)
Hist 301 U. S. since 1865	3	(3,0)	Mech 304 Mech. of Matr.	3	(3,0)
M E 407 Mechanical Lab.	1	(0,3)	M S 402 Military Drill	0	(0,3)
M S 401 Military Drill	0	(0,3)	Technical Elective	7	
Technical Elective	5		Approved Elective	3	
Approved Elective	3				
	20			20	

Suggested Technical Electives:

E E 405 Electrical Design	1	(0,3)
E E 406 Electrical Design	1	(0,3)
E E 422 Elect. Distribution	2	(2,0)
E E 426 Elect. Transients	2	(1,3)
E E 427 Adv. A. C. Mach.	3	(3,0)
E E 431 Radio Communication	4	(3,3)
E E 432 Radio Communication	4	(3,3)
E E 433 Indus. Electronics	3	(2,3)
E E 436 Rad. & Wave Prop.	3	(2,3)
M E 411 Heat Power	3	(3,0)
M E 413 Heat Power Lab.	2	(0,6)
M E 426 Steam Turbines	3	(3,0)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)

Suggested General Electives:

Econ 202 Prin. of Econ.	3	(3,0)
Econ 301 Labor Problems	3	(3,0)
Econ 302 Money and Banking	3	(3,0)
Econ 401 Accounting	3	(3,0)
Elective English	3	(3,0)
Gov 403 Internat'l. Relations	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)
Hist 304 Hist. of Civ.	3	(3,0)
Math 306 Differential Equa.	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)
Psych 301 Gen. Psychology	3	(3,0)
Psych 302 Social Psychology	3	(3,0)
Soc 301 Intro. Sociology	3	(3,0)

MECHANICAL ENGINEERING

This course deals largely with the production of power from prime sources of energy and the design of the wide variety of mechanisms involved in the production and use of this power. This necessitates a study of thermodynamics, mechanics, strength of materials, metallurgy, and hydraulics.

The economic aspects of all engineering are emphasized as much as possible and the program is conducted so as to encourage orderly habits of attack and analysis with the main emphasis on why rather than how.

Mechanical Engineering graduates work with the production of power from fuel and water, with the construction and operation of machines used in manufacturing, and with the operation of power industries and manufacturing plants. In addition to the power companies and large electric and manufacturing concerns where many graduates are employed, opportunities are numerous in the automotive, aeronautical, railroad, air conditioning and refrigeration industries. The vast power developments and manufacturing uses of power promise even greater opportunities for mechanical engineers.

MECHANICAL ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Survey.	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	17			17	

Sophomore Year

Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
In En 201 Metal Processes	2	(0,6)	In En 202 Wood Processes	2	(0,6)
or In En 202 Wood Proc.	2	(0,6)	or In En 201 Metal Processes	2	(0,6)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
M E 211 Mech. Engr.	2	(2,0)	Mech 302 Statics	3	(3,0)
M E 213 Engr. Problems	1	(0,3)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 214 Gen. Phys. Lab.	1	(0,3)
Phys 213 Gen. Phys. Lab.	1	(0,3)	M S 202 Military Drill	0	(0,3)
M S 201 Military Drill	0	(0,3)	M S 204 M. S. & T.—Elem.	1	(2,0)
M S 203 M. S. & T.—Elem.	1	(2,0)			
	19			19	

Junior Year

D D 305 Kinematics of Mach.	2	(1,3)	D D 306 Machine Design	2	(1,3)
Econ 201 Prin. of Economics	3	(3,0)	E E 308 A. C. Cir. & Mach.	4	(3,3)
E E 307 D. C. Cir. & Mach.	4	(3,3)	Engl 301 Public Speaking	3	(3,0)
M E 311 Heat Power	3	(3,0)	M E 312 Heat Power	3	(3,0)
M E 313 Heat Power Lab.	1	(0,3)	M E 314 Heat Power Lab.	1	(0,3)
Mech 303 Kinetics	3	(3,0)	Mech 304 Mech. of Matr.	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			19	

Senior Year

Hist 301 U. S. since 1865	3	(3,0)
M E 411 Heat Power	3	(3,0)
M E 413 Heat Power Lab.	2	(0,6)
M E 417 Design	2	(1,3)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)
M S 401 Military Drill	0	(0,3)
Technical Elective	3	
Approved Elective	3	
	20	

In En 402 Metallurgy	3	(3,0)
M E 412 Heat Power	3	(3,0)
M E 414 Heat Power Lab.	2	(0,6)
M E 418 Design	2	(1,3)
M E 420 Administration	3	(3,0)
M S 402 Military Drill	0	(0,3)
Technical Elective	4	
Approved Elective	3	
	20	

Technical Electives:

C E 309 Stress Analysis	2	(0,6)
M E 421 Gas Engines	3	(3,0)
M E 423 Gas Engine Design	1	(0,3)
M E 429 Heating and Vent.	2	(2,0)
M E 431 Heat. & Vent. Des.	1	(0,3)
M E 433 Elem. Aerodynamics	2	(2,0)
Mech 460 Hydrology	3	(3,0)
Mech 462 Water Power Engr.	3	(3,0)

General Electives:

Econ 301 Labor Problems	3	(3,0)
Econ 401 Accounting	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)
Math 305 Intermediate Calc.	3	(3,0)
Math 453 Advanced Calculus	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)
Psych 301 Gen. Psychology	3	(3,0)
T M 401 Textile Costing	5	(3,6)
T M 403 Textile Management	3	(3,0)
T M 454 Time Study	3	(2,3)

Technical Electives:

E E 320 Electronics	4	(3,3)
M E 426 Steam Turbines	3	(3,0)
M E 428 Steam Turbine Design	1	(0,3)
M E 430 Air Conditioning	2	(2,0)
M E 432 Air Cond. Des.	1	(0,3)
M E 434 Refrigeration	2	(2,0)

General Electives:

Econ 202 Prin. of Economics	3	(3,0)
Econ 302 Money and Banking	3	(3,0)
Elective English	3	(3,0)
Hist 304 Hist. of Civ.	3	(3,0)
Math 306 Ord. Diff. Equa.	3	(3,0)
Math 454 Advanced Calculus	3	(3,0)
Phys 452 Atom and Nucl. Ph.	3	(3,0)
Psych 302 Social Psychology	3	(3,0)
Rel 201, 203 or 305	3	(3,0)
Soc 301 Intro. Sociology	3	(3,0)
T M 101 Intro. to Textiles	3	(2,3)

SCHOOL OF TEXTILES

The great majority of the textile corporations which produce textiles on the cotton system are now located in the Southeastern States, centering in South Carolina and neighboring states. This makes Clemson College an appropriate institution for college training in this field.

There is always a demand for our graduates which far exceeds our supply. There is a trend in the demand for some graduates with training in the basic engineering sciences; therefore, the Textile Engineering course has been modified to meet this demand.

The Clemson Textile School now offers three courses leading to the degree of Bachelor of Science: Textile Chemistry, Textile Engineering, and Textile Manufacturing.

TEXTILE CHEMISTRY

The work of textile chemists includes the various phases of textile coloring, bleaching, printing, dyeing, and finishing of textile yarns and fabrics, as well as the manufacture and sale of dyestuffs. Graduates have positions such as bleachery chemist,

dye foreman, designer, laboratory chemist, textile chemist, research assistant, and sales representative.

TEXTILE CHEMISTRY

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 103 General Chemistry	4	(3,3)	Chem 104 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Gov 101 Am. Nat'l. Gov't.	3	(3,0)	Math 104 Freshman Math.	5	(5,0)
Math 103 Freshman Math.	5	(5,0)	T M 101 Intro. to Textiles	3	(2,3)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	18			18	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Econ 201 Prin. of Economics	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Phys 201 General Physics	3	(3,0)	Math 204 Integral Calculus	5	(5,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 202 General Physics	3	(3,0)
W D 201 Fabric Design	3	(2,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	20			20	

Junior Year

Chem 331 Physical Chemistry	3	(3,0)	Chem 332 Physical Chemistry	3	(3,0)
Chem 333 Phys. Chem. Lab.	2	(0,6)	Chem 334 Phys. Chem. Lab.	2	(0,6)
Engl 301 Public Speaking	3	(3,0)	Engl 302 Business Law	3	(3,0)
T C 305 Textile Chemistry	4	(4,0)	T C 306 Textile Chemistry	4	(4,0)
T C 307 Tex. Chem. Lab.	1	(0,3)	T C 308 Tex. Chem. Lab.	1	(0,3)
Y M 305 Cotton Marketing	1	(0,3)	M S 302 Military Drill	0	(0,3)
M S 301 Military Drill	0	(0,3)	Approved Electives	6	
Approved Elective	3				
	17			19	

Senior Year

Chem 431 Colloid Chemistry	2	(2,0)	Chem 432 Colloid Chemistry	2	(2,0)
T C 405 Chem. Tex. Anal.	2	(1,3)	T C 406 Chem. Tex. Anal.	2	(1,3)
T C 447 Chem. Proc. Tex.	4	(4,0)	T C 442 Thesis	2	(0,6)
T C 449 Ch. Pr. Tex. Lab.	1	(0,3)	T C 452 Chem. Proc. Tex.	4	(4,0)
T C 455 Cellulose Chem.	3	(3,0)	T C 454 Ch. Pr. Tex. Lab.	1	(0,3)
T M 462 Textile Microscopy	2	(1,3)	T C 456 Syn. Fbrs. & Fin.	2	(2,0)
T M 464 Phys. Tex. Testing	2	(1,3)	T M 454 Time Study	3	(2,3)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			19	

TEXTILE ENGINEERING

Students following this curriculum will receive instruction in basic textile courses for a total of thirty-six college credits; the remainder will be in Physics, Mathematics, Economics, and Mechanical and Electrical Engineering. This curriculum was

offered to freshmen and sophomores in the fall of 1946 and is now operative through half of the sophomore year. It will be offered for the complete four years beginning in February, 1948. Graduates in this course will be prepared to enter the research and development fields which are being emphasized by the textile industry, and they will also be prepared to go forward with post-graduate studies.

TEXTILE ENGINEERING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Surveying	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	17			17	

Sophomore Year

Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
In En 201 Metal Processes	2	(0,6)	Math 204 Integral Calculus	5	(5,0)
Math 203 Diff. Calculus	5	(5,0)	Mech 302 Statics	3	(3,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
Y M 201 Blend. & Cleaning	3	(2,3)	Y M 202 Carding	3	(2,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	19			20	

Junior Year

D D 305 Kinematics of Mach.	2	(1,3)	D D 306 Machine Design	2	(1,3)
E E 307 D. C. Cir. & Mach.	4	(3,3)	E E 308 A. C. Cir. & Mach.	4	(3,3)
Mech 303 Kinetics	3	(3,0)	Mech 304 Mech. of Matr.	3	(3,0)
W D 201 Fabric Design	3	(2,3)	W D 202 Fabric Design	2	(1,3)
W D 205 Cam Loom Mech.	1	(0,3)	W D 206 Cam Loom Mech.	2	(1,3)
Y M 301 Roving Frames	3	(2,3)	Y M 302 Spinning	3	(2,3)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			19	

Senior Year

Econ 201 Prin. of Economics	3	(3,0)	Engl 302 Business Law	3	(3,0)
Engl 301 Public Speaking	3	(3,0)	M E 312 Heat Power	3	(3,0)
M E 311 Heat Power	3	(3,0)	M E 314 Heat Power Lab.	1	(0,3)
M E 313 Heat Power Lab.	1	(0,3)	T M 454 Time Study	3	(2,3)
T M 401 Textile Costing	5	(3,6)	T M 462 Textile Microscopy	2	(1,3)
T M 403 Textile Management	3	(3,0)	T M 464 Phys. Tex. Testing	2	(1,3)
M S 401 Military Drill	0	(0,3)	W D 305 Dobby & Box Mech.	1	(0,3)
Approved Elective	3		M S 402 Military Drill	0	(0,3)
			Approved Elective	3	
	21			18	

TEXTILE MANUFACTURING

This curriculum will be followed by those textile students who intend to enter the production and management phases of the textile industry. The curriculum shows that they will receive sixty-five of their college credits in subjects taught in the Textile School and they will be well prepared for rapid advancement in textile plants. It is recommended that all textile undergraduates find work in textile mills during summer vacations. This experience always aids them in their upperclass textile courses and also allows the students to make contacts with possible future employers.

TEXTILE MANUFACTURING

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Gov 101 Am. Nat'l. Gov't.	3	(3,0)	Math 104 Freshman Math.	5	(5,0)
Math 103 Freshman Math.	5	(5,0)	T M 101 Intro. to Textiles	3	(2,3)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Elem.	1	(2,0)	M S 104 M. S. & T.—Elem.	1	(2,0)
	18			18	

Sophomore Year

Econ 201 Prin. of Economics	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
W D 201 Fabric Design	3	(2,3)	W D 202 Fabric Design	2	(1,3)
W D 205 Cam Loom Mech.	1	(0,3)	W D 206 Cam Loom Mech.	2	(1,3)
Y M 201 Blend. & Cleaning	3	(2,3)	Y M 202 Carding	3	(2,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	18			18	

Junior Year

Engl 301 Public Speaking	3	(3,0)	Engl 302 Business Law	3	(3,0)
T C 301 Textile Chemistry	2	(2,0)	T C 302 Textile Chemistry	2	(2,0)
T C 303 Tex. Chem. Lab.	1	(0,3)	T C 304 Tex. Chem. Lab.	1	(0,3)
W D 301 Fab. Struc. & Des.	2	(1,3)	W D 302 Fab. Analysis	2	(1,3)
W D 305 Dobby & Box Mech.	1	(0,3)	W D 306 Jacquard Mech.	2	(1,3)
W D 309 Knitting	1	(0,3)	Y M 302 Spinning	3	(2,3)
Y M 301 Roving Frames	3	(2,3)	Y M 305 Cotton Marketing	1	(0,3)
M S 301 Military Drill	0	(0,3)	Y M 306 Combing	2	(1,3)
Approved Electives	6		M S 302 Military Drill	0	(0,3)
			Approved Elective	3	
	19			19	

Senior Year

Econ 401 Accounting	3	(3,0)	Soc 301 Intro. Sociology	3	(3,0)
T C 401 Chem. Proc. Tex.	2	(2,0)	T C 402 Chem. Proc. Tex.	2	(2,0)
T C 403 Ch. Pr. Tex. Lab.	1	(0,3)	T C 404 Ch. Pr. Tex. Lab.	1	(0,3)
T M 401 Textile Costing	5	(3,6)	T M 454 Time Study	3	(2,3)
T M 403 Textile Management	3	(3,0)	T M 462 Textile Microscopy	2	(1,3)
W D 401 Warp Preparation	2	(1,3)	T M 464 Phys. Tex. Testing	2	(1,3)
M S 401 Military Drill	0	(0,3)	W D 402 Fabric Development	2	(1,3)
Approved Elective	3		M S 402 Military Drill	0	(0,3)
			Approved Electives	6	
	19			21	

SCHOOL OF VOCATIONAL EDUCATION

The School of Vocational Education offers four-year curricula leading to the degree of Bachelor of Science in Vocational Agricultural Education, Education and Industrial Education. Courses are also made available for students of the other schools of the College. By making a proper program of studies it is possible for students to meet the professional requirements in subject matter and in education and to qualify for the teacher's certificate in this State. Students who are planning to teach are advised to plan not only their courses in education, but also their subject matter courses so as to fulfill the State requirements in the State where they plan to teach. Students who are interested are invited to consult the Dean and other members of the Vocational Educational staff for information.

Practice teaching in several subjects in cooperation with the State Department of Education and School systems constitutes part of the student's training.

The School of Vocational Education maintains a Teacher Placement Service with which students may register and from which employers may receive assistance. Both students and employers of teachers are invited to use this service.

VOCATIONAL AGRICULTURAL EDUCATION

The proportion of graduates of this curriculum who enter the teaching of vocational agriculture in the public schools approaches one hundred per cent; a few, however, enter general and specialized farming and other agricultural occupations. After a few years of teaching experience, a number of graduates advance in the teaching profession or enter related agricultural work such as agricultural extension service, farm credit and rehabilitation work, and special government agencies.

VOCATIONAL AGRICULTURAL EDUCATION

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Agron 101 Farm Crops	3	(3,0)	A H 101 Types and Breeds	3	(2,3)
Chem 101 General Chemistry	4	(3,3)	Bot 101 General Botany	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Chem 102 General Chemistry	4	(3,3)
Math 101 College Algebra	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
V A E 101 Ag. Ed. Orient.	1	(1,0)	Math 102 Trigonometry	3	(3,0)
Zool 101 General Zoology	4	(3,3)	M S 102 Military Drill	0	(0,3)
M S 101 Military Drill	0	(0,3)	M S 104 M. S. & T.—Elem.	1	(2,0)
M S 103 M. S. & T.—Elem.	1	(2,0)			
	19			18	

Sophomore Year

Chem 220 Organic Chemistry	4	(3,3)	Ag Ec 201 Agric. Economics	3	(3,0)
Dairy 201 Dairying	3	(2,3)	Ag En 201 Farm Machinery	3	(2,3)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Agron 202 Soils	3	(2,3)
Gov 101 Am. Nat'l. Gov't.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Phys 201 General Physics	3	(3,0)	Hort 201 Gen. Horticulture	3	(2,3)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 202 General Physics	3	(3,0)
V A E 201 Intro. to Ag. Ed.	1	(1,0)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	19			20	

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)	Ag En 205 Farm Mechanics	3	(2,3)
Ag En 301 Soil Conservation	3	(2,3)	A H 301 Feeds and Feeding	3	(3,0)
Agron 301 Fertilizers	3	(3,0)	Agron 302 Genetics	3	(2,3)
P H 301 Farm Poultry	4	(3,3)	Bact 301 Gen. Bacteriology	4	(3,3)
V A E 301 Tchg. Prob. in Ag. Ed.	3	(3,0)	V A E 302 Educ. Psychology	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			19	
Suggested Electives:			Suggested Electives:		
A H 310 Pork Production	3	(2,3)	Ag Ec 460 Agric. Finance	3	(3,0)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	Bot 304 Farm Forestry	3	(2,3)
Hort 305 Plant Propagation	3	(2,3)	Hort 306 Landscape Design	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Arch 409 Art Appreciation	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
Bot 401 Plant Pathology	3	(2,3)	Hort 464 Food Preservation	3	(2,3)
Engl 301 Public Speaking	3	(3,0)	Mus 402 Music Appreciation	3	(3,0)
V A E 401 Meth. in Ag. Ed.	3	(3,0)	V A E 402 Meth. in Ag. Ed.	3	(3,0)
V A E 403 Directed Teaching	3	(0,9)	V A E 404 Directed Teaching	3	(0,9)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	2	
	18			18	
Suggested Electives:			Suggested Electives:		
Ag Ec 309 Marketing	3	(2,3)	Ent 406 Beekeeping	3	(2,3)
Dairy 309 Nutrition	3	(3,0)	Hort 452 Commrcl. Pomology	3	(2,3)
Hort 456 Truck Crops	3	(2,3)	M S M. S. & T.—Adv.	3	(4,0)
M S M. S. & T.—Adv.	3	(4,0)	V S 402 Animal Diseases	3	(2,3)
V S 401 Anat. & Physiology	3	(2,3)			

EDUCATION

While the purpose of this curriculum is to prepare teachers of general high school subjects, emphasis is placed upon the training of teachers in the various fields of science. The offerings of the other departments of the college make possible a wide selection of subject-matter courses in biology, chemistry, geology, mathematics, English, history, and physics. The majority of graduates enter the teaching profession, although some engage in related work such as athletic coaching.

EDUCATION

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Bot 101 General Botany	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Chem 101 General Chemistry	4	(3,3)	Engl 102 Comp. and Lit.	3	(3,0)
Engl 101 Comp. and Lit.	3	(3,0)	Math 104 Freshman Math.	5	(5,0)
Math 103 Freshman Math.	5	(5,0)	Zool 101 General Zoology	4	(3,3)
V Ed 101 Voc. Ed. Orient.	1	(1,0)	M S 102 Military Drill	0	(0,3)
M S 101 Military Drill	0	(0,3)	M S 104 M. S. & T.—Elem.	1	(2,0)
M S 103 M. S. & T.—Elem.	1	(2,0)			
	18			17	

Sophomore Year

Chem 211 Qual. Analysis	3	(1,6)	Chem 212 Quan. Analysis	3	(1,6)
Econ 201 Prin. of Economics	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Engl 201 Lit. & Adv. Comp.	3	(3,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 204 M. S. & T.—Elem.	1	(2,0)
	20			20	

Junior Year

Engl 301 Public Speaking	3	(3,0)	Bact 301 Gen. Bacteriology	4	(3,3)
Geol 203 General Geology	3	(3,0)	Geol 204 General Geology	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)	Hist 304 Hist. of Civ.	3	(3,0)
V A E 302 Educ. Psychology	3	(3,0)	V Ed 316 Hist. & Phil. of Ed.	2	(2,0)
V Ed 305 Prin. of Sec. Ed.	3	(3,0)	M S 302 Military Drill	0	(0,3)
M S 301 Military Drill	0	(0,3)	Approved Electives	6	
Approved Elective	3				
	18			18	

Senior Year

Ag Ec 401 Statistics	3	(2,3)	Agron 302 Genetics	3	(2,3)
Arch 409 Art Appreciation	3	(3,0)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Soc 301 Intro. Sociology	3	(3,0)	Mus 402 Music Appreciation	3	(3,0)
V Ed 411 Directed Teaching	3	(0,9)	V Ed 404 Tech. of Teaching	3	(3,0)
V Ed 415 Administration	2	(2,0)	V Ed 412 Directed Teaching	3	(0,9)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
Approved Electives	6		Approved Electives	4	
	20			19	

INDUSTRIAL EDUCATION

The curriculum in Industrial Education is designed to prepare students to teach industrial subjects, industrial arts, drawing, manual training, and metal work in the high schools and to supervise the teaching of evening trade classes. Graduates become affiliated with high school industrial education departments as teachers, supervisors, and diversified-occupations specialists. Students who plan to teach in industrial communities may choose such electives in textiles, engineering, chemistry or agriculture as they have the background, prerequisites and interests. A few graduates secure employment in industry in special training programs.

INDUSTRIAL EDUCATION

For additional requirements see also *Requirements for Degrees*

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
In En 101 Metal Processes	2	(0,6)	Math 104 Freshman Math.	5	(5,0)
Math 103 Freshman Math.	5	(5,0)	T M 101 Intro. to Textiles	3	(2,3)
V Ed 101 Voc. Ed. Orient.	1	(1,0)	M S 102 Military Drill	0	(0,3)
M S 101 Military Drill	0	(0,3)	M S 104 M. S. & T.—Elem.	1	(2,0)
M S 103 M. S. & T.—Elem.	1	(2,0)			
	18			18	

Sophomore Year

Engl 201 Lit. & Adv. Comp.	3	(3,0)	Bot 101 General Botany	4	(3,3)
In En 201 Metal Processes	2	(0,6)	Econ 201 Prin. of Economics	3	(3,0)
In En 205 Constr. Materials	2	(2,0)	Engl 202 Lit. & Adv. Comp.	3	(3,0)
Phys 201 General Physics	3	(3,0)	In En 202 Wood Processes	2	(0,6)
Phys 203 Gen. Phys. Lab.	1	(0,3)	In En 302 Welding	2	(1,3)
Zool 101 General Zoology	4	(3,3)	Phys 202 General Physics	3	(3,0)
M S 201 Military Drill	0	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 203 M. S. & T.—Elem.	1	(2,0)	M S 202 Military Drill	0	(0,3)
Approved Elective	3		M S 204 M. S. & T.—Elem.	1	(2,0)
	19			19	

Junior Year

Engl 301 Public Speaking	3	(3,0)	Bact 301 Gen. Bacteriology	4	(3,3)
Hist 303 Hist. of Civ.	3	(3,0)	Hist 304 Hist. of Civ.	3	(3,0)
In Ar 303 Industrial Arts	2	(1,3)	In Ar 304 Industrial Arts	2	(1,3)
V Ed 301 Obs. of Teaching	1	(0,3)	Soc 301 Intro. Sociology	3	(3,0)
V Ed 305 Prin. of Sec. Ed.	3	(3,0)	V Ed 302 Org. of Courses	3	(3,0)
V Ed 307 Industrial Lab.	2	(0,6)	V Ed 308 Industrial Lab.	2	(0,6)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Electives	4		Approved Elective	3	
	18			20	

Senior Year

Arch 315 Bldg. Construction	2	(2,0)	Arch 316 Bldg. Construction	2	(2,0)
Arch 409 Art Appreciation	3	(3,0)	Arch 408 Industrial Design	1	(0,3)
E E 303 Elec. Circuits & Machines	4	(3,3)	E E 304 Voc. Electricity	2	(1,3)
V A E 302 Educ. Psychology	3	(3,0)	Mus 402 Music Appreciation	3	(3,0)
V Ed 401 Coor. & Methods	2	(2,0)	V Ed 402 Directed Teaching	5	(2,9)
M S 401 Military Drill	0	(0,3)	V Ed 404 Tech. of Teaching	3	(3,0)
Approved Elective	4		M S 402 Military Drill	0	(0,3)
			Approved Elective	4	
	18			20	

DESCRIPTION OF COURSES

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

Mr. Aull

Mr. Ferrier Mr. Stepp Mr. Peterson

Mr. Husmann

Ag Ec 201—Introduction to Agricultural Economics—3 cr. (3 and 0)

A study of the economics of agricultural production and marketing and of the economic principles that are important in analyzing economic phenomena having direct or indirect effects upon the incomes and living standards of farm people.

Agricultural Economics Staff

Ag Ec 301—Rural Sociology—3 cr. (3 and 0)

A study of human relations as modified by life in the country, including a consideration of the farm family, its housing, health, schooling, recreational opportunities, relation to land, and other related topics.

Ag Ec 302—Farm Management—4 cr. (3 and 3)

A study of business principles underlying the organization and operation of individual farms. Such factors as proper balance between enterprises and use of sound agronomic principles are considered from the viewpoint of continuous profits. *Prerequisite*: Ag Ec 201

Mr. Husmann

Ag Ec 305—Farm Accounting—2 cr. (1 and 3)

Double-entry bookkeeping is stressed in the foundation of this course. Study is then made of special journals, simplifications for farm record keeping, farm inventories, farm budgets, interpretation of financial statements and the factor method of farm business analysis.

Mr. Ferrier

Ag Ec 309—Marketing—3 cr. (2 and 3)

Examination is made of the characteristics of demand for and supply of farm products and the marketing system which brings them together,

the changes which are taking place in marketing, and ways and means of narrowing the spread between farm and retail prices. *Prerequisite*: Ag Ec 201 or Econ 201 or Econ 202

MR. FERRIER

AG EC 352—PUBLIC FINANCE—3 cr. (3 and 0)

A study of the principles of financing government, sources of public revenue, objects of public expenditure, problems of fiscal administration, and the application of fiscal policies in stabilizing the national economy.

MR. AULL

AG EC 356—AGRICULTURAL-INDUSTRIAL RELATIONS—3 cr. (3 and 0)

A study of the ways in which and the degrees to which agriculture and industry are dependent upon each other for sound economic prosperity and development, and of the effects upon agriculture of various types of activities in other segments of the national and international economy.

MR. STEPP

AG EC 401—Statistics—3 cr. (2 and 3)

An elementary course dealing with organization and presentation of statistical data, measures of central tendency, sampling, and the usual statistical tests of significance and reliability.

MR. PETERSON

AG EC 405—SEMINAR—1 cr. (1 and 0)

An examination of the relation of economics and sociology to specific problems. *Prerequisite*: Senior standing and major in Agricultural Economics.

MR. AULL AND STAFF

AG EC 406—SEMINAR—1 cr. (1 and 0)

A continuation of 405.

MR. AULL AND STAFF

AG EC 451—ECONOMICS OF COOPERATION—3 cr. (3 and 0)

A study of the principles governing cooperative business enterprise and methods of applying these principles to purchasing, selling, processing,

and financing in agriculture. Major emphasis is placed upon the possibilities and limitations of cooperation in increasing the incomes of farmers or rendering them better services for their money. *Prerequisite*: Ag Ec 201 or Econ 201 and Econ 202

Mr. Ferrier

Ag Ec 452—Agricultural Policy—3 cr. (3 and 0)

A critical examination of government policies and programs affecting agriculture.

Mr. Aull

Ag Ec 455—International Trade—3 cr. (3 and 0)

A study of the principles governing interregional and international trade. Students are given opportunity to study countries and commodities in which they are particularly interested.

Mr. Aull and Staff

Ag Ec 456—Prices—3 cr. (3 and 0)

A study of the factors affecting prices of farm products and the adjustments necessary to meet price changes, including such topics as prices of farm products in relation to agricultural and industrial conditions, measures of value, parity price concept, and price movements. *Prerequisite*: Ag Ec 201 or Econ 201 and 202, and permission of instructor.

Mr. Peterson

Ag Ec 459—Rural Community Organization—3 cr. (3 and 0)

A study of the structure of rural society—what makes it function smoothly; what prevents it from performing in the manner which might be desired.

Ag Ec 460—Agricultural Finance—3 cr. (3 and 0)

A critical study of the financial needs of agriculture and of the organization, functions and interrelationships of agencies developed to meet these needs. *Prerequisite*: Ag Ec 201 or Econ 201 and Econ 202.

Mr. Ferrier

Ag Ec 501—Advanced Farm Management—3 cr. (2 and 3)

Study and appraisal of methods of assembling and analyzing information concerning the business of farming. *Prerequisite*: Ag Ec 302 and Ag Ec 401.

Mr. Husmann

Ag Ec 502—Advanced Statistics—3 cr. (2 and 3)

A study of methods used in collecting, analyzing and presenting statistical data, with special emphasis upon economic and sociological problems. *Prerequisite*: Ag Ec 401 or permission of instructor.

Mr. Peterson

Ag Ec 503—Land Economics—3 cr. (3 and 0)

A study of characteristics of land and its relation to population, utilization and public policies.

Mr. Husmann

Ag Ec 504—Farmers' Movements—3 cr. (3 and 0)

An examination of the efforts of farmers to organize for the improvement of agriculture and other rural concerns. Beginning with the first local agricultural society, the development of this movement is followed through the period of the Civil War. After 1865, the Grange, Farmers' Alliance, etc., are studied in their chronological order.

Ag Ec 505—Economic Theory—3 cr. (3 and 0)

A review of economic principles, a study of the use of theory in the analysis of economic problems, and an appraisal of recent developments in capitalistic economic theory.

Mr. Stepp

Ag Ec 506—Research Methodology—1 cr. (1 and 0)

A critical examination and appraisal of methods and procedures used in economic and social investigations.

Mr. Aull

Ag Ec. 507—Agricultural Marketing Problems—3 cr. (3 and 0)

A study of special problems involved in marketing southern fruits,

vegetables, livestock and livestock products. Students will undertake individual assignments in the field of their interest.

Mr. Ferrier

Ag Ec 508—Research in Economic Problems Affecting Agriculture—3 cr.

Ag Ec 509—A Continuation of Ag Ec 508—3 cr.

AGRICULTURAL ENGINEERING

Mr. Nutt
Mr. McAdams Mr. Richardson Mr. Ard
Mr. Law

Ag En 201—Farm Machinery—3 cr. (2 and 3)

Construction, adjustment, operation, maintenance and adaptation of farm machinery. Special emphasis is given to production, harvesting and processing problems common to the Southeast.

Mr. Richardson Mr. Ard

Ag En 203—Agricultural Engineering Problems—3 cr. (2 and 3)

A course in which the student acquires certain skills in the use of all types of tools and equipment necessary for the care and maintenance of farm machines and farm structures.

Mr. McAdams

Ag En 205—Farm Mechanics—3 cr. (2 and 3)

To train students in the proper use and maintenance of hand shop tools commonly found on the farm. Principal topics: Measuring and marking, sawing, planing and smoothing, wood chisels and their use, boring and drilling holes, wood fastenings, painting, finishing, glazing, cutting rafters, sharpening tools, bench and vise work, bolt threading, pipe fitting, soldering and farm concrete work.

Mr. McAdams

Ag En 301—Soil Conservation—3 cr. (2 and 3)

Causes, extent and control of erosion; uses of irrigation, layout, construction and maintenance of terrace systems; drainage, elementary surveying. A course for agricultural and vocational students.

Mr. Law

Ag En 304—Rural Electrification—3 cr. (2 and 3)

Distribution and utilization of electrical power on farms and rural areas. Special emphasis is given to adequate wiring and adaptation of electrical appliances to the farm home and in the production and primary processing of farm commodities. *Prerequisite*: E E 303.

Mr. Ard

Ag En 351—Farm Tractors—3 cr. (2 and 3)

History of the internal combustion engine, principles of operation, power and its measurements, valves, carburetion and fuel injection, ignition systems, engine cooling, clutches, transmissions, brakes, final drives, engine troubles and general repair. Tractor servicing and efficient operation in the field.

Mr. McAdams

Ag En 401—Soil and Water Conservation Engineering—3 cr. (2 and 3)

The causes, extent, and control of erosion. Embodies study of elementary meteorology and hydrology, critical runoffs, design and construction of water-control structures such as terraces, outlet channels, diversions, reservoirs, spillways, drainage systems. Recommended *prerequisite*: C E 101, Agron 202, and Mech 401.

Mr. Law

Ag En 402—Drainage and Irrigation—3 cr. (2 and 3)

Survey of areas for drainage rainfall and runoff, drainage requirements, design and construction of open ditch and tile systems. Gravity and sprinkler irrigation systems studied as well as water requirements and the use of pumps. *Prerequisite*: C. E. 101 and Mech 401.

Mr. Law

Ag En 406—Advanced Farm Machinery—3 cr. (2 and 3)

This course is designed for seniors majoring in agricultural engineering. Design, development, manufacturing, advertising and sales of farm machinery are considered. *Prerequisite*: Ag En 201 and 351

Mr. Nutt

Ag En 409—Agricultural Engineering Seminar—1 cr. (1 and 0)

This course is provided to acquaint the student with research technique in the agricultural engineering field. *Prerequisite*: Senior standing in Agricultural Engineering.

Agricultural Engineering Staff

Ag En 410—Agricultural Engineering Seminar—1 cr. (1 and 0)

A continuation of Ag En 409.

Agricultural Engineering Staff

Ag En 451—Farm Structures—3 cr. (2 and 3)

This course is planned to develop within the student an appreciation and understanding of the problems involved in determining the functional requirements of farm structures for livestock, crop storage and processing, as well as the analysis and determination of structural requirements for various types of buildings. The use and workability of materials available for construction of farm buildings are also included. *Prerequisite*: M E 302 and 304.

Mr. Richardson

Ag En 452—Advanced Farm Structures—3 cr. (2 and 3)

A continuation of Ag En 451 with emphasis on farmstead arrangement and layout, design and evaluation of farm structure requirements, bills of materials and specifications. *Prerequisite*: Ag En 451

Mr. Richardson

AGRONOMY

Mr. Cooper
Mr. Collings Mr. J. W. Jones Mr. Shelley
Mr. C. M. Jones

Agron 101—Farm Crops—3 cr. (3 and 0)

A fundamental course in general field crops including the study of the origin, botanical characteristics, varieties, breeding, soil adaptation, fertilizer requirements, and cultural methods employed in the production of the most important field crops of South Carolina and the United States.

Mr. C. M. Jones

AGRON 202—SOILS—3 cr. (2 and 3)

A study of the basic principles of soil physics, soil fertility, and soil biology as they apply to the production of crops. The course deals with the soil as a reservoir for water, a medium for root development, a source of nutrients, and a home for organisms. *Prerequisite*: Chem 101 and 102.

MR. COLLINGS AND STAFF

AGRON 301—FERTILIZERS AND MANURES—3 cr. (3 and 0)

A study of the sources, mining and manufacturing, composition, physical characteristics, and use of fertilizers and manures. A detailed study is also made of crop responses to fertilizer use. *Prerequisite*: Agron 202

MR. COLLINGS

AGRON 302—GENETICS—3 cr. (2 and 3)

The purpose of this course is to instruct students in the basic principles of genetics. The principal topics studied include heredity and variation, laws of inheritance, physical basis of inheritance, origin of hereditary differences, and the inheritance of quantitative characters.

MR. J. W. JONES

AGRON 306—FORAGE CROPS—3 cr. (3 and 0)

A course dealing with the characteristics of the various forage crops, with emphasis being laid on those grown in this state. These crops are studied with special reference to their adaptations, growing, harvesting, composition, value and uses, and also with reference to their place in our cropping system. *Prerequisite*: Agron 101

MR. SHELLEY

AGRON 401—ADVANCED CROP LABORATORY—1 cr. (0 and 3)

A study of the laboratory procedures used in field crop laboratories, followed by a detailed study of the morphological characters, classification, and yielding capacities of important varieties of various farm crops. In addition, attention is given to the study of seed laws, market grades of grains, seed germination and purity tests, and weed identification.

MR. SHELLEY

AGRON 405—PLANT BREEDING—3 cr. (2 and 3)

The purpose of this course is to present the application of the basic principles of genetics to the improvement of crop plants. Principal topics studied include the genetic and cytogenetic bases of plant breeding, mode of reproduction in relation to breeding methods, technics in selfing and crossing, methods of breeding, inheritance in the major farm crops, and biometrical methods. *Prerequisite*: Agron 302

MR. J. W. JONES

AGRON 409—COTTON AND TOBACCO—3 cr. (3 and 0)

A study of the history, morphology, physiology, fertilization, cultivation, insect and disease control, varieties, breeding, harvesting, grading and marketing of American Upland cotton and flue cured tobacco. The two crops are studied separately, about half a semester being devoted to each. *Prerequisite*: Agron 101

MR. SHELLEY

AGRON 451—MINERAL NUTRITION OF PLANTS—2 cr. (2 and 0)

In this course attention is given to the nutrition of crop plants and the nutrient requirements of various soils for different crops.

MR. COOPER

AGRON 452—SOIL CLASSIFICATION, FERTILITY, AND MANAGEMENT—2 cr. (2 and 0)

An advanced study of soil composition, soil classification, and soil management practices. Attention is given to the subject of physical and chemical composition of the soil, influence of crop rotations and fertilizers on soil productivity, influence of various methods of tillage on crop yields, and a general study is made of those factors essential for the practical utilization of soils. *Prerequisite*: Agron 202, Agron 301, and Major in Agronomy

MR. COLLINGS

AGRON 454—ADVANCED SOIL LABORATORY—1 cr. (0 and 3)

A laboratory course designed to teach students laboratory technique and to make students proficient in making simple physical and chemical determinations of soils. *Prerequisite*: Agron 202

MR. COLLINGS

AGRON 455—SEMINAR—1 cr. (1 and 0)

A study of current agronomic topics of special interest in crop production appearing in recent scientific journals and other publications.

MR. COOPER AND STAFF

AGRON 456—SEMINAR—1 cr. (1 and 0)

A study of the latest published and available unpublished information concerning recent developments in the field of soil science. Topics for discussion are taken from latest published bulletins, reports, and professional magazines.

MR. COLLINGS

AGRON 457—INTRODUCTION TO RESEARCH AND THESIS—1 cr. (0 and 3)

The purpose of this course is to instruct students in the methods employed in attacking and solving an agronomic research problem. A suitable research problem is assigned each student for solution. The results of this study are presented in thesis form.

MR. COLLINGS

AGRON 458—INTRODUCTION TO RESEARCH AND THESIS—1 cr. (0 and 3)

A continuation of Agron 457.

MR. COLLINGS

AGRON 501—ADVANCED NUTRITION OF CROPS—3 cr.

A graduate course dealing with the relationships existing between the physical and chemical properties of the various nutrient elements and their absorption and utilization by plants.

MR. COOPER

AGRON 502—ADVANCED PEDOLOGY AND SOIL CLASSIFICATION—3 cr.

A graduate course dealing largely with the factors of soil formation and soil classification. A thorough study is made of such factors of soil formation as parent material, topography, climate, and organisms. Particular attention is given to the classification of Southeastern soils.

MR. COLLINGS

AGRON 503—ADVANCED CROP PRODUCTION—3 cr.

A graduate course dealing with specific problems commonly encountered in the production of crops in the Southeast. Major attention is given to the problems met with in the production of cotton, bright tobacco, corn and oats.

MR. COLLINGS

AGRON 504—ADVANCED PLANT BREEDING AND GENETICS—3 cr.

A graduate course designed to acquaint the student with the best methods now employed in the production and development of superior strains of plants. Visits will be made to neighboring plant breeding establishments and their methods will be observed.

MR. J. W. JONES

AGRON 505—RESEARCH—3 cr.

A Graduate Course in Research Methods.

MR. COLLINGS

AGRON 506—RESEARCH—3 cr.

A Graduate Course in Research Methods.

MR. COLLINGS

ANIMAL HUSBANDRY

MR. STARKEY

MR. RITCHIE — *MR. HAUSER — MR. GODLEY

MR. ANDERSON — MR. RICHARDSON

A H 101—TYPES AND BREEDS—3 cr. (2 and 3)

A study of types, breeds, and market classes of beef cattle, horses, sheep, and swine. In laboratory the judging of farm animals is given considerable emphasis.

MR. RITCHIE

A H 301—FEEDS AND FEEDING—3 cr. (3 and 0)

A study of feed nutrients, digestion, metabolism of feed stuffs, nutritive ratios, feeding standards, and the balancing of rations. *Prerequisite:* A H 101 and Chem 220.

MR. GODLEY

*On Leave

A H 303—Feeds and Feeding Laboratory—1 cr. (0 and 3)

Practical work in mixing and balancing rations and identifying feed stuffs. *Prerequisite*: A H 101 and Chem 220

Mr. Godley

A H 306—Judging—1 cr. (0 and 3)

Judging classes of cattle, horses, sheep, and swine. An advanced course in the selection and judging of breeding and fat animals. *Prerequisite*: A H 101

Mr. Hauser

A H 310—Pork Production—3 cr. (2 and 3)

Feeding, breeding, management, and marketing of hogs. Emphasis is placed on winter and summer forages, protein supplements, mineral mixtures, and sanitation. *Prerequisite*: A H 301

Mr. Starkey

A H 312—Breeds of Livestock—2 cr. (2 and 0)

A study of the origin, characteristics, and adaptability of the different breeds of livestock: beef cattle, swine, sheep and horses. *Prerequisite*: A H 101

Mr. Godley

A H 401—Beef Production—3 cr. (2 and 3)

A study of the early history of beef production, beef production in foreign countries, relation of beef production to general farming, most profitable feeds for beef production, methods of breeding to improve beef cattle, and management of the purebred herd. *Prerequisite*: A H 301

Mr. Starkey

A H 402—Horse and Sheep Production—4 cr. (3 and 3)

A study of the breeding, feeding, training, stabling, and care of horses. Also a study of the breeding, feeding, shearing, and marketing of sheep. The adaptability of breeds. Parasites and diseases. *Prerequisite*: A H 301

Mr. Richardson

A H 405—Advanced Judging—1 cr. (0 and 3)

A continuation of A H 306 designed for students who are interested in participating in judging contests or in receiving special training in the selection of breeding stock. *Prerequisite*: A H 306

Mr. Richardson

A H 406—Seminar—2 cr. (2 and 0)

Special problems in animal production. Each student is given a subject on which he makes weekly reports of progress before the seminar group. A thesis is required. *Prerequisite*: A H 301

Mr. Starkey

A H 451—Advanced Feeds—2 cr. (2 and 0)

A study of the relative values of the different feeds used in livestock production. The nutrient requirements of the different classes of livestock, and the digestible nutrients in our most common feeds. The balancing of rations for all classes of livestock. *Prerequisite*: A H 301

Mr. Starkey

A H 452—Animal Breeding—3 cr. (2 and 3)

A study of the fundamental principles relating to the breeding and improvement of livestock including variation, heredity, selection, line-breeding, inbreeding, cross-breeding, breed analysis, and other related subjects. *Prerequisite*: Dairy 301 or Agron 302

Mr. Hauser

A H 455—Farm Meats—2 cr. (0 and 6)

A study of the selection and killing of meat animals and the cutting, curing, and preservation of farm meats. Also the production, judging, and consumption of farm meats. *Prerequisite*: A H 101

A H 456—Advanced Meats—2 cr. (1 and 3)

A study of the retail and wholesale cuts of meat; the making of sausage and meat specialities; and meat hygiene. *Prerequisite*: A H 455

Mr. Ritchie

A H 501—Animal Histology—3 cr. (2 and 3)

This course is to acquaint the student with the microscopic structures of the tissues and organs of the animal body. The relation of histology to physiology and pathology are considered. *Prerequisite*: Zool 101

Mr. Anderson

ARCHITECTURE

Mr. Lee

Mr. Gates Mr. Anderson Mr. Haigler

Mr. St. Hubert Mr. Hodge Mr. McCulloch

Mr. Petroff

Arch 101—Elements of Design—3 cr. (0 and 9)

This course embraces the elements of Architecture, in which an effort is made to give the beginner an accurate picture of his chosen profession and basic training in drafting and design. Brief study of the Orders, elementary study of building plans and details, descriptive geometry, shades, shadows and perspective, and training in presentation of work are included. The student is given an opportunity to develop correct form and proportion by application of conventional shades, shadows and principles of perspective by drafting board practice in casting of shades and shadows on architectural forms and problems in architectural perspective.

Mr. Hodge Mr. McCulloch

Arch 102—Architectural Design—2 cr. (0 and 6)

This course is a continuation of Arch 101 planned to begin the development of a sound approach to creative design. In it students study and learn to integrate the elements of simple buildings and to present their solutions clearly and effectively by architectural renderings. *Prerequisite*: Arch 101

Mr. Hodge Mr. McCulloch

Arch 105—Freehand Drawing—1 cr. (0 and 3)

To give the students a thorough working knowledge of the principles of freehand perspective, the perspective of circles and shading. Course includes study of mass, form, proportions and value with the mediums of pencil and charcoal. A sketching technique is stressed.

Mr. Hodge

ARCH 106—FREEHAND DRAWING—2 cr. (0 and 6)

A continuation of Arch 105. Drawing and sketching in pencil and charcoal. Introduction to water color painting, the color wheel, washes and color study.

MR. PETROFF

ARCH 201—ARCHITECTURAL DESIGN—4 cr. (0 and 12)

Design of simple building to develop in simplest term the basic elements of circulation, functional relationship of rooms and spaces and services, interior and exterior appearance. Development of vocabulary of form and of pencil indication through daily sketches. *Prerequisite*: Arch 102 and 106

MR. HAIGLER

ARCH 202—ARCHITECTURAL DESIGN—4 cr. (0 and 12)

A continuation of Arch 201.

MR. ANDERSON

ARCH 205—ELEMENTARY RENDERING—1 cr. (0 and 3)

To give thorough ground work in the presentation of architectural subjects related to design problems. Simple delineation will be stressed. *Prerequisite*: Arch 105.

MR. PETROFF

ARCH 206—ADVANCED RENDERING—1 cr. (0 and 3)

A continuation of Arch 205.

MR. PETROFF

ARCH 209—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

To acquaint the student with the development of architecture, from prehistoric to Romanesque time, as a problem both of construction and aesthetics. Influence of various geographic, geological, social, and psychological factors; structural problems and their solution, post and lintel, arch, vault, pendentive, dome; planning problems and their solution; temples, churches, public buildings; decorative problems and their solution, as revealed in the buildings of the Egyptian, Greek, Roman, Early Christian and Byzantine periods, are topics covered.

MR. ST. HUBERT

ARCH 210—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

A continuation of Arch 209. A study of the Romanesque period, its spread through western Europe as a system of building of great variety which preceded the organic Gothic of the Ile-de-France. The revival of classic form in Italy during the Renaissance, the spread of the Renaissance in England and France. *Prerequisite*: Arch 209

MR. ST. HUBERT

ARCH 301—ARCHITECTURAL DESIGN—6 cr. (0 and 18)

Problems involving planning, elevation and mass composition in Architecture. Work includes the planning of public buildings, with emphasis on function, studies in entourage, elements of landscape with relation to plan and elevation, interior architecture, indication and presentation sketch problems. *Prerequisite*: Arch 202

MR. GATES

ARCH 302—ARCHITECTURAL DESIGN—6 cr. (0 and 18)

A continuation of Arch 301.

MR. ANDERSON

ARCH 305—WATER COLOR—1 cr. (0 and 3)

To acquaint the student with the fundamental principles. Brush drill, graded washes, value study, still life and outdoor sketching.

MR. HODGE MR. PETROFF

ARCH 306—ADVANCED WATER COLOR—1 cr. (0 and 3)

A continuation of Arch 305.

MR. HODGE MR. PETROFF

ARCH 309—HISTORY OF ARCHITECTURE—2 cr. (2 and 0)

To acquaint the student with the development of Architecture from the Renaissance period in France and England to modern time, as a problem both of construction and aesthetic and with the influence of various geological, social and psychological factors. The topics covered are: First, the Colonial period; a summary in North American architecture followed by a thorough study of the same period in South Carolina. Second, the National

period; Classicism, Romanticism, Romanesque phase, classical phase, Gothic phase, Functionalism, beginning and development of modern architecture. *Prerequisite*: Arch 210

Mr. St. Hubert

Arch 315—Building Construction—2 cr. (2 and 0)

To give the student a knowledge of the materials used in the construction of frame and masonry buildings, their qualities and uses. The growth of wood, house framing, roofing, door and window details, flooring, plastering, interior and exterior finish, painting, masonry, chimney construction, hardware and problems in calculation are among the many details of building construction covered.

Mr. Lee

Arch 316—Building Construction—2 cr. (2 and 0)

A continuation of Arch 315.

Mr. Lee

Arch 317—Working Drawings—1 cr. (0 and 3)

Drafting room practice. The student is required to make complete working drawings of a frame building using last problem of Arch 202.

Arch 318—Working Drawings—1 cr. (0 and 3)

A continuation of Arch 317. Large scale details of framing, doors, windows, stairs, cornice, roof, and chimney, etc. Calculations and blueprinting.

Mr. Lee

Arch 401—Architectural Design—7 cr. (0 and 21)

The designing of complex buildings, site and group planning; analysis and development of the plan and design problem from its most elemental to its final form; and sketch problems. *Prerequisite*: Arch 302.

Mr. Gates

Arch 402—Architectural Design—7 cr. (0 and 21)

A continuation of Arch 401 to include advanced problems in design, elements of civic planning, composition of involved types of buildings or groups of building, housing, and landscaping.

Mr. Gates

ARCH 405—LIFE DRAWING—1 cr. (0 and 3)

To acquaint the student with the proportion and anatomy of the nude and draped figure. A course designed primarily for architectural students. Quick sketches of the nude for action and movement, longer studies of the nude and draped figure for tone values, composition, and light effects using charcoal as a medium. *Prerequisite:* Arch 306

MR. HODGE MR. PETROFF

ARCH 406—ARCHITECTURAL MODELING—1 cr. (0 and 3)

This course is designed to give the advanced student an opportunity for creative work in the field of model making. Scale models will be executed from working drawings for the study of mass, form, and typography.

MR. HODGE MR. PETROFF

ARCH 408—INDUSTRIAL DESIGN—1 cr. (0 and 3)

To give the students the fundamentals in design of simple pieces of furniture as worked out on the drafting table. The student is given practice in making detail drawings of chairs, tables, metal work. *Prerequisite:* D D 106

MR. LEE

ARCH 409—ART APPRECIATION—3 cr. (3 and 0)

To give the student a general idea of the field of art, to develop knowledge and taste through contact with the best examples. Principal topics covered are: Periods of styles of architecture, painting, sculpture, ornament, decorative and interior composition, furniture, given by lecture and lantern slides.

MR. ST. HUBERT

ARCH 410—HISTORY OF ART—3 cr. (3 and 0)

A course designed to give a fuller understanding of changing attitudes toward art and life. The arts of the past and present days are studied in relation to the social and cultural mediums out of which they grew; completed by a brief analysis of modern eccentricity in art.

MR. ST. HUBERT

ARCH 415—BUILDING DESIGN—2 cr. (2 and 0)

To give the student a working knowledge of the nature, quality, and uses of materials in a masonry building. Course includes foundations, mortars, details of masonry construction, steel, concrete, fireproof construction, estimates, specifications, superintendence, calculations.

MR. LEE

ARCH 416—BUILDING DESIGN—2 cr. (2 and 0)

A continuation of Arch 415.

MR. LEE

ARCH 417—STRUCTURAL DETAILS—2 cr. (0 and 6)

To train the student to make working drawings of a masonry building of fireproof construction with specifications, including mechanical plant, as usually prepared in the practicing architect's office. Scale drawings of all floor plans and elevations, cross sections; large scale details of all parts of the construction with necessary calculations; specification writing, estimating. *Prerequisite*: Arch 316 and registration in Arch 419.

MR. LEE

ARCH 418—STRUCTURAL DETAILS—2 cr. (0 and 6)

A continuation of Arch 417. The complete documents, consisting of working drawings including heating, lighting and plumbing, and specifications; contract forms with detailed drawings must be in such approved shape that they may be submitted to a contractor for a bid. *Prerequisite*: Arch 415, Arch 419, and registration in Arch 420.

MR. LEE

ARCH 419—MECHANICAL PLANT—2 cr. (2 and 0)

To familiarize the student with the design and requirements of heating, lighting and sanitary systems in a building. Layout of hot air, hot water, and steam systems of heating; ventilation, electric lighting and plumbing for supply and drainage is required on drawings made in Arch 316 and 416. *Prerequisite*: Registration in Arch 415

MR. LEE

ARCH 420—PROFESSIONAL PRACTICE—1 cr. (1 and 0)

To familiarize the student with methods of practice of architecture and inculcate in him the high ethical ideals of the profession. Office management and organization, laws, codes, contracts, ethics, competitions; documents of the American Institute of Architects are studied. (For seniors in Architecture only.)

MR. LEE

ARCH 425—CONSTRUCTION—6 cr. (2 and 12)

Lectures and discussions on the heavier and larger types of building construction. Drafting board problems in planning and details of foundations, walls, columns, girders, the use of reinforced concrete and steel in modern systems of construction. *Prerequisite*: Arch 316

MR. LEE

ARCH 426—CONSTRUCTION—6 cr. (2 and 12)

A continuation of Arch 425.

MR. LEE

ARCH 431—ARCHITECTURAL DESIGN—8 cr. (0 and 24)

A continuation of Arch 402 with more advanced work, continued research and study. *Prerequisite*: Arch 402

MR. ANDERSON MR. GATES

ARCH 432—ARCHITECTURAL DESIGN—8 cr. (0 and 24)

A continuation of Arch 431. Thesis required. The student writes his own program of the project. Complete design and working drawings required.

MR. ANDERSON MR. GATES

ARCH 435—SEMINAR—1 cr. (0 and 3)

A course offered for the purpose of training prospective architects in assembling and presenting before the faculty formal papers and discussions of architectural interest.

STAFF

ARCH 436—SEMINAR—1 cr. (0 and 3)

A continuation of Arch 435.

STAFF

ARCH 439—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

To give the students an insight into the future of the profession which lies in the field of organic town design. The architecture of tomorrow is based on the fundamental fact that architecture is a social and organic art form with the aim of creating about men a culturally healthy environment.

MR. ST. HUBERT

ARCH 440—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

A continuation of Arch 439. To lead the student to perceive the whole of man's physical accommodation from the intimacy of the room to the very complex problem of the large metropolis, and learn to express by means of architectural language the way in which we live today in our homes, villages, towns and cities; to develop student's initiative. *Prerequisite*: Arch 439.

MR. ST. HUBERT

ARCH 445—BUILDING DESIGN—1 cr. (0 and 3)

Design of structural elements in the drafting room, entailing the use of reinforced concrete and steel in modern building construction. *Prerequisite*: Arch 415

MR. LEE

ARCH 446—BUILDING DESIGN—1 cr. (0 and 3)

A continuation of work in Arch 445. *Prerequisite*: Arch 445

MR. LEE

ARCH 447—CITY PLANNING—3 cr. (1 and 6)

Lectures and discussions, covering the history of town and city planning in Europe and America and a survey of the basic problems of present day planning. Problems of housing in urban and regional planning are worked on the drafting board.

MR. ANDERSON MR. GATES

ARCH 448—CITY PLANNING—3 cr. (1 and 6)

A continuation of Arch 447.

MR. ANDERSON MR. GATES

BACTERIOLOGY

Mr. Aull Mr. Rush

Bact 301—General Bacteriology—4 cr. (3 and 3)

Morphology, classification, distribution, cultivation, observation, and physiology of microorganisms; effects of organisms on their environment; microorganisms and health. *Prerequisite*: Bot 101; Chem 101, 102

Mr. Aull

Bact 402—Dairy Bacteriology—3 cr. (2 and 3)

Bacterial counts on milk, milk fermentations, contamination of milk and cream, reducing the contamination of milk, growth of microorganisms in milk and cream, spread of diseases through milk and its derivatives; preservation of milk and cream, bacteriology of prepared milks, ice cream, butter cultures, fermented milks, butter, cheese, tests for the quality of milk and cream. *Prerequisite*: Bact. 301

Mr. Rush

Bact 406—Sanitary Bacteriology—4 cr. (3 and 3)

This course is designed primarily for Engineering students. After a consideration of the fundamentals of bacteriology, the course is designed to give a knowledge of the relation of bacteriology to water purification and sewage disposal. *Prerequisite*: Chem 101 and 102

Mr. Rush

Bact 410—Soil Microbiology—3 cr. (2 and 3)

The role of microbes in the decomposition of organic substances, transformation of nitrogen, transformation of mineral substances in soil by the action of microorganisms, interrelationships between higher plants and soil microorganisms, modification of the soil population, importance of microbes in soil fertility. *Prerequisite*: Bact 301

Mr. Rush

BOTANY

Mr. Armstrong
Mr. Rosenkrans Mr. Mathews Mr. Whitney
Mr. Rutledge

Bot 101—General Botany—4 cr. (3 and 3)

The first part of the semester is devoted to a study of the form, structure, and physiology of the higher plants, followed by a study of

algae, bacteria, fungi, liverworts, mosses, and ferns, with the application of the biological laws. Descriptions, life histories and adaptation of the representative organisms are considered.

Mr. Rosenkrans Mr. Mathews Mr. Rutledge Mr. Whitney

Bot 351—Plant Morphology—4 cr. (2 and 6)

A study of the structure of vegetative and reproductive parts of plants representing most of the major groups except the fungi. Most of the time will be spent on the higher vascular plants. *Prerequisite*: Bot 101

Mr. Rutledge

Bot 352—Plant Physiology—4 cr. (3 and 3)

A study of all the relations and processes which have to do with the maintenance, growth, and reproduction of plants. Principal topics are absorption of matter and energy, water relations of the plant, utilization of reserve products and liberation of energy, growth, movement and reproduction. *Prerequisite*: Bot 101; Chem 101 and 102; Phys 201 and 203 or Physics 211 and 213

Mr. Whitney

Bot 355—Histology—2 cr. (0 and 6)

This course will give the student a knowledge of the principles of fixing, cutting, and staining plant tissues and the various other processes of microtechnique as well as their application to specific forms of plants. *Prerequisite*: Bot 101; Chem 101 and 102

Mr. Rosenkrans

Bot 356—Taxonomy—3 cr. (1 and 6)

The identification, classification, distribution, and interrelationship of flowering plants with particular emphasis on the flora of South Carolina. Laboratory work includes a study of native trees and shrubs in winter condition, the collection and identification of local plants, and the preparation of a small herbarium. *Prerequisite*: Bot 101

Bot 401—Plant Pathology—3 cr. (2 and 3)

To acquaint the students with the major plant diseases of the South, symptoms of the diseases, the nature of the causal agencies or factors, and methods of control. *Prerequisite*: Bot 101

Mr. Armstrong

Bot 402—Economic Botany—3 cr. (2 and 3)

A study of plants and plant products and their relationship to human history and contemporary life. Sources of plant products, especially those outside the scope of courses in Agronomy and Horticulture, such as woods, resins, tanning materials, rubber, textiles, cereals, sugar, oils, fruits, spices, beverages and drugs. Library research, periodic reports, and the examination of special material replace formal laboratory work. *Prerequisite*: Bot 101. Other students who present evidence of good scholarship may elect.

Bot 405—Seminar & Thesis—2 cr. (1 and 3)

Mr. Armstrong

Bot 406—Seminar & Thesis—2 cr. (1 and 3)

Mr. Armstrong

Bot 451—Morphology of the Fungi—3 cr. (2 and 3)

A course to acquaint the student with the morphology and taxonomy of the fungi through lectures, reports, laboratory work, and field trips. Special attention is devoted to practice in the methods of pure culture as they apply to the different saprophytic and parasitic forms. *Prerequisite*: Bot 101; Bot 401

Bot 452—Ecology—4 cr. (2 and 6)

A study of the fundamental principles of the relations between plants and environmental conditions. Special attention is given to ecological relationships and problems in this region. *Prerequisite*: Bot 101

Mr. Rutledge

Bot 501—Methods of Research in Plant Physiology—3 cr. (2 and 3)

A theoretical and practical study of methods used in investigations of physiological processes and the factors influencing those processes. Topics will include sand and solution culture methods, measurement and control of soil water content, atmospheric humidity and radiant energy, and determinations of osmotic quantities, hydrogen ion concentration, and metabolic processes. *Prerequisite*: Bot 352; Chem 101, 102; Phys 201, 202, 203, 204

Mr. Whitney

Bot 503—Advanced Plant Pathology—4 cr. (3 and 3)

An advanced study including epiphytology and etiology of diseases of plants, nature of parasitism and resistance and training in laboratory methods. *Prerequisite*: Bot 401

Mr. Armstrong

CHEMICAL ENGINEERING

MR. STOOPS MR. LITTLEJOHN

CH EN 301—PRINCIPLES OF CHEMICAL ENGINEERING—3 cr. (3 and 0)

A study of the chemical engineering unit operations, including flow of fluids, flow of heat, and evaporation. Special attention is given to the solution of problems. *Prerequisite*: Junior standing in Chemical Engineering

MR. STOOPS MR. LITTLEJOHN

CH EN 302—PRINCIPLES OF CHEMICAL ENGINEERING—3 cr. (3 and 0)

A study of the chemical engineering unit operations, including drying, humidification, size reduction, size separation, conveying, mixing, and gas absorption. Special attention is given to the solution of problems. *Prerequisite*: Ch En 301

CH EN 305—UNIT OPERATIONS—1 cr. (0 and 3)

A laboratory course dealing with subjects covered in Ch En 301. *Prerequisite*: Junior standing.

CH EN 306—UNIT OPERATIONS—1 cr. (0 and 3)

A laboratory course dealing with subjects covered in Ch En 302.

CH EN 401—PRINCIPLES OF CHEMICAL ENGINEERING—3 cr. (3 and 0)

A study of the chemical engineering unit operations, including distillation, and solvent extraction. Special attention is given to the solution of problems. *Prerequisite*: Ch En 302

CH EN 403—CHEMICAL INDUSTRIES—3 cr. (3 and 0)

A study of chemical industry with reference to economics, raw materials, interdependence, materials of construction, applied unit operations, unit processes, thermodynamics, and kinetics.

CH EN 404—CHEMICAL INDUSTRIES—3 cr. (3 and 0)

A continuation of Ch En 403. *Prerequisite*: Ch En 403

CH EN 405—UNIT OPERATIONS—2 cr. (0 and 6)

A laboratory course dealing with subjects covered in Ch En 401. *Prerequisite*: Ch En 302 and 306

CH EN 406—INDUSTRIAL CHEMISTRY CALCULATIONS—2 cr. (2 and 0)

A course in the solution of stoichimetric problems on the plant size scale. *Prerequisite*: Ch En 401

CH EN 409—PLANT DESIGN—2 cr. (0 and 6)

A detailed study of the design of a chemical plant involving such factors as location, layout of equipment, process to be employed, and costs. *Prerequisite*: Ch En 302

CH EN 410—PLANT DESIGN—2 cr. (0 and 6)

A continuation of Ch En 409. *Prerequisite*: Ch En 409

CH EN 412—CHEMICAL PROJECTS—3 cr. (0 and 9)

The solution of a problem in chemical engineering chosen by the student. A written report is required in which special emphasis is placed on method of attack, discussion of results, and conclusion. *Prerequisite*: Senior standing in Chemical Engineering

CH EN 415—CH EN SEMINAR—0 cr. (1 and 0)

A discussion period for the exchange of ideas between students and instructors. Current problems in the chemical industry are discussed. *Prerequisite*: Senior standing in Chemical Engineering

CH EN 416—CH EN SEMINAR—0 cr. (1 and 0)

A continuation of Ch En 415. *Prerequisite*: Senior standing in Chemical Engineering

CHEMISTRY

MR. HUNTER

MR. CARODEMOS
MR. MITCHELL
MR. POLLARD
MR. POLK
MR. SCHIRMER
MR. BROWNLEY
*MR. HOBSON
MR. HODGES
MR. MAULDIN
MR. CARSON
MR. DUKES
MR. EVANS
MR. MEIBURG
MR. REICH
MR. RITCHIE
MR. SALLEY

CHEM 101—GENERAL CHEMISTRY—4 cr. (3 and 3)

To give the student a general knowledge of the fundamentals of the

* On leave.

science of chemistry through lectures, lecture experiments, and laboratory exercises. Consideration will be given to the common substances.

MR. HUNTER AND STAFF

CHEM 102—GENERAL CHEMISTRY—4 cr. (3 and 3)

A continuation of Chem 101.

MR. HUNTER AND STAFF

CHEM 103—GENERAL CHEMISTRY—4 cr. (3 and 3)

This course is required for students majoring in Chemistry, Chemical Engineering or Textile Chemistry. It is similar to Chem 101, except that it gives a more thorough covering of those fundamentals which are necessary for advanced work in Chemistry.

MR. HUNTER AND STAFF

CHEM 104—GENERAL CHEMISTRY—4 cr. (3 and 3)

A continuation of Chem 103.

MR. HUNTER AND STAFF

CHEM 211—QUALITATIVE ANALYSIS—3 cr. (1 and 6)

A course in Qualitative Analysis, designed especially for pre-medical students, which is essentially the same as Chem 215 except that the theoretical principles are developed in less detail. Greater emphasis is placed on those principles more likely to be encountered in medical work. *Prerequisite*: Chem 101 and 102, or 103 and 104.

MR. SCHIRMER

CHEM 212—QUANTITATIVE ANALYSIS—3 cr. (1 and 6)

A course in Quantitative Analysis, designed especially for pre-medical students, which is essentially the same as Chem 216 except that the theoretical principles are developed in less detail. Greater emphasis, both in theory and laboratory work, is placed on those analyses which are more applicable to medical work. *Prerequisite*: Chem 211 or 215.

MR. SCHIRMER

CHEM 215—QUALITATIVE ANALYSIS—4 cr. (2 and 6)

A study of the fundamental principles of Qualitative Analysis and their application in the systematic separation and identification of the common cations and anions in the laboratory. The topics discussed are: chemical

equilibrium and the law of mass action, solution and ionization, solubility product, hydrolysis and complex ions. *Prerequisite*: Chem 101 and 102, or 103 and 104.

Mr. Schirmer

Chem 216—Quantitative Analysis—4 cr. (2 and 6)

A study of the fundamental principles of Quantitative Analysis and their application in the analysis of unknown mixtures in the laboratory. Standard volumetric and gravimetric procedures are employed. *Prerequisite*: Chem 215.

Mr. Schirmer

Chem 220—Organic Chemistry—4 cr. (3 and 3)

A study of fundamentals of organic chemistry which will aid the student of agriculture to understand the various biochemical reactions which are involved in the study of plant and animal nutrition. *Prerequisite*: Chem 101 and 102.

Mr. Mauldin

Chem 221—Elementary Organic Chemistry—5 cr. (3 and 6)

A thorough study of the aliphatic compounds with special emphasis upon structural characteristics of the various classes. In the laboratory, typical compounds are prepared in which techniques, purity and yield are stressed. *Prerequisite*: Chem 101 and 102, or 103 and 104.

Mr. Carodemos and Mr. Ritchie

Chem 222—Elementary Organic Chemistry—5 cr. (3 and 6)

The alicyclic, heterocyclic, and aromatic compounds are thoroughly studied. Typical members of these series of compounds are synthesized in the laboratory in which technique, purity and yield are stressed. *Prerequisite*: Chem 221.

Mr. Carodemos and Mr. Ritchie

Chem 312—Gas Analysis—3 cr. (1 and 6)

A study of the composition and combustion of solid, liquid and gaseous fuels, and of the products of combustion. The laboratory work consists of analyses of solid and gaseous fuels, calorimetry, and testing of fuel and lubricating oils. *Prerequisite*: Chem 101 and 102, or 103 and 104.

Mr. Brownley

CHEM 321—QUALITATIVE ORGANIC ANALYSIS—4 cr. (2 and 6)

The systematic identification of pure organic compounds and mixtures.

MR. CARODEMOS

CHEM 331—PHYSICAL CHEMISTRY—3 cr. (3 and 0)

A study of the theories and behavior of gases, liquids, solids and solutions. *Prerequisite*: Math 203 and 204, Chem 212 or 216, Chem 221 (may be taken at the same time).

MR. POLLARD

CHEM 332—PHYSICAL CHEMISTRY—3 cr. (3 and 0)

A continuation of Chem 331, including the study of chemical equilibrium, the phase rule, chemical kinetics and elementary electrochemistry.

MR. POLLARD

CHEM 333—PHYSICAL CHEMISTRY LABORATORY—2 cr. (0 and 6)

Laboratory course to accompany Chem 331. Experimental studies of the physico-chemical behavior of gases, liquids, solids and solutions.

MR. POLLARD AND MR. DUKES

CHEM 334—PHYSICAL CHEMISTRY LABORATORY—2 cr. (0 and 6)

A continuation of Chem 333 to accompany Chem 332. Studies of chemical equilibria, reaction rates, phase systems and electrochemical measurements.

MR. POLLARD AND MR. DUKES

CHEM 401—ADVANCED INORGANIC CHEMISTRY—3 cr. (3 and 0)

A comprehensive survey of the field of inorganic chemistry through lectures and lecture experiments. Development of modern theories of atomic structure and valence, and a detailed study of the elements and their compounds, based on the periodic system and including both well known and rarer elements. *Prerequisite*: Chem 212 or 216. *Suggested*: Chem 331 and 332.

MR. SCHIRMER

CHEM 402—ADVANCED INORGANIC CHEMISTRY—3 cr. (3 and 0)

A continuation of Chem 401.

MR. SCHIRMER

CHEM 404—INORGANIC SYNTHESIS—2 cr. (0 and 6)

A laboratory course designed to acquaint the student with various methods and techniques employed in the preparation and handling of inorganic compounds. *Prerequisite*: Chem 401

MR. SCHIRMER

CHEM 411—ADVANCED QUANTITATIVE ANALYSIS—3 cr. (1 and 6)

This course involves gravimetric and colorimetric analysis including complete analysis of limestones and silicates, and a partial analysis of coal, pig iron and steel. Also, the quantitative analysis of alloys using electrometric separation in some cases. The determination of certain important elements of ores, as sulfur, manganese, nickel, chromium and phosphorus. Instrumental analysis involving the use of photoelectric colorimeters, spectrophotometers, titrimeters and other instruments. *Prerequisite*: Chem 212 or 216.

MR. MITCHELL

CHEM 412—TECHNICAL ANALYSIS—3 cr. (1 and 6)

This course is planned to give training and experience in the analysis of many industrial products including fertilizer analysis, organic and mineral analysis of feeding materials, complete water analysis, both mineral and sanitary and the chemical and optical analysis of sugar products. Assays of some of the vitamins include the use of photoelectric colorimeters and fluorophotometers. *Prerequisite*: Chem 411.

MR. MITCHELL

CHEM 422—ORGANIC SYNTHESIS—4 cr. (1 and 9)

A review and more intensive study of representative classes of organic compounds. In this course reference is made to the current literature from which the student prepares reports and abstracts. The laboratory work consists of synthesis of more complex compounds. In this course the student is introduced to the methods of consulting Beilstein's "Handbuch der organischen chemie." *Prerequisite*: Chem 321 and Ger. 102.

MR. CARODEMOS

CHEM 431—COLLOID CHEMISTRY—2 cr. (2 and 0)

The general characteristics of the colloidal state and surface phenomena including surface tension, adsorption and contact catalysis. *Prerequisite*: Chem 331 and 332.

MR. POLLARD

CHEM 432—COLLOID CHEMISTRY—2 cr. (2 and 0)

A continuation of Chem 431 including the preparation of colloidal solutions, gels and jellies, foams, fogs, emulsions and smokes.

MR. POLLARD

CHEM 434—COLLOID CHEMISTRY LABORATORY—2 cr. (0 and 6)

Preparation and study of colloidal systems. *Prerequisite*: Chem 431.

MR. POLLARD

CHEM 441—GLASS MANIPULATION—2 cr. (0 and 6)

A course designed to teach the fundamentals of glass manipulation and its application to the construction and repair of simple laboratory apparatus. *Prerequisite*: Senior Standing.

MR. SCHIRMER

CHEM 442—CHEMICAL LITERATURE—2 cr. (1 and 3)

This course is designed to give the student practice in the use of chemical literature, the writing of technical reports and the presentation of same before the faculty of the School of Chemistry. *Prerequisite*: Senior Standing in Chemistry.

CHEMISTRY STAFF

CHEM 443—RESEARCH PROBLEMS—3 cr. (0 and 9)

Original investigation of an assigned problem in a fundamental branch of Chemistry. This work must be carried out under the supervision of a qualified member of the staff. *Prerequisite*: Senior Standing in Chemistry.

CHEMISTRY STAFF

CHEM 444—RESEARCH PROBLEMS—3 cr. (0 and 9)

A continuation of Chem 443.

CHEMISTRY STAFF

CIVIL ENGINEERING

Mr. Clarke

*Mr. H. E. Glenn Mr. Norman Mr. Ford
Mr. Trively Mr. Rostron *Mr. J. D. Glenn

C E 101—Elementary Surveying—2 cr. (1 and 3)

An introductory course given to all Engineering freshmen. This course comprises field and office computations involving the use of the tape, transit, level and leveling rod; the making of simple surveys; running levels, making profiles, and computing cuts and fills.

Mr. Rostron Mr. Ford Mr. Glenn

C E 201—Surveying—2 cr. (2 and 0)

A detailed study of the construction of all surveying instruments, and methods of adjusting same; a comprehensive consideration of the mathematical principles involved in making surveys: computations involved in computing and subdividing areas. *Prerequisites*: Math 103, C E 101, D D 105 and 106

Mr. Clarke Mr. Ford

C E 202—Surveying—2 cr. (2 and 0)

This is a continuation of C E 201, and comprises the application of surveying principles to the various phases of surveying problems, including land surveying, topographic surveying, route surveying, mine surveying and hydrographic surveying. This course includes sufficient elementary astronomy for making solar or stellar observations for the determination of Azimuth and Time. *Prerequisite*: C E 201

Mr. Clarke

C E 203—Topographic Surveying and Mapping—1 cr. (0 and 3)

The field and office work necessary to make a complete topographic map, including contours, of a prescribed area. *Prerequisite*: C E 101, Math 103, D D 105 and 106

Mr. Ford

* On leave.

C E 205—Engineering Problems—2 cr. (1 and 3)

This course, designed to familiarize the student with simple problems in civil engineering, includes a review of the applications of trigonometric functions and logarithms, and a study of graphs, tables, and the slide rule. Some emphasis is given to a systematic analysis of problems and a neat and orderly arrangement of computations. *Prerequisites*: Math 103, Math 104 and registration in Phys 211

Mr. Norman Mr. Rostron

C E 300—Summer Surveying Camp

C E 305—Route Surveying—3 cr. (3 and 0)

A study of the special problems which arise in connection with the location of a route for a railroad, highway, canal, sewer, water main or transmission line; the theory of simple, compound, and reversed curves; parabolic curves, transition spiral, vertical, curves, railroad turnouts; computations of earthwork. *Prerequisite*: C E 201, 202 and 203

Mr. Clarke

C E 306—Roads and Pavements—4 cr. (3 and 3)

Theory and practice in design, location, construction and maintenance of low cost, intermediate, and high type, road surfaces. Highway economics and administration. Study of factors relating to highway construction methods and materials. *Prerequisites*: Phys 211 and C E 305

Mr. Norman

C E 309—Stress Analysis—2 cr. (0 and 6)

The computation of stresses in statically determinate structures. *Prerequisite*: Mech 302

Mr. Trively

C E 310—Elementary Design—2 cr. (0 and 6)

The computation of the stress in truss members and girders; the design of structural parts and their connections. *Prerequisite*: C E 309

Mr. Trively

C E 401—Structural Design—3 cr. (2 and 3)

The computation of stresses, and the detailed design of a steel highway bridge. *Prerequisite*: C E 310

Mr. Trively

C E 402—Structural Analysis—2 cr. (2 and 0)

Analysis of statically indeterminate structures by the method of moment distribution. *Prerequisite*: C E 401

Mr. Trively

C E 405—Road Materials Testing Laboratory—1 cr. (0 and 3)

A study of the physical properties of non-bituminous construction materials, and the standard tests for determining these properties. *Prerequisites*: Mech 302 and 304

Mr. Ford

C E 406—Road Materials Testing Laboratory—1 cr. (0 and 3)

A study of the physical properties of bituminous construction materials, and the standard tests for determining these properties. *Prerequisite*: Mech 302 and 304

Mr. Ford

C E 409—Reinforced Concrete Structures—4 cr. (3 and 3)

Study of mechanics of reinforced concrete, beams, slabs, columns and footings. Designs and estimates of concrete structures. *Prerequisite*: Mech 304 and 306

Mr. Norman

C E 410—Municipal and Sanitary Engineering—5 cr. (5 and 0)

A study of the procedure necessary to supply an adequate amount of potable water for public or private purposes; and the design and construction of sewerage systems and sewage treatment plants. *Prerequisite*: Mech 401

Mr. Clarke

C E 412—Reinforced Concrete Design—2 cr. (0 and 6)

The complete analysis and design of a reinforced concrete bridge or building. *Prerequisite*: C E 409

Mr. Trively

C E 415—Soil Mechanics—3 cr. (2 and 3)

Study of mechanical and physical properties of soils and their relation to soil action in problems of engineering, such as classification, permeability, shearing strength, consolidation, stress distribution and bearing capacity of soils. *Prerequisite*: Mech 304

Mr. Norman

C E 416—Contracts—2 cr. (2 and 0)

A study of the legal requirements and principles involved in the construction problems which confront the civil engineer.

Mr. Clarke

C E 417—City Planning—2 cr. (2 and 0)

A study of the special problems, confronting a city engineer, which are not specifically of an engineering nature, but for the solution of which the public looks to the city officials; viz. street systems, traffic control, parking facilities, railroad and water traffic problems, airports, parks and play-grounds and zoning; legal problems involved.

Mr. Clarke

C E 452—Advanced Structural Analysis—2 cr. (2 and 0)

The study of secondary stresses in structures and the deflection of structures. *Prerequisite*: C E 401

Mr. Trively

DAIRY DEPARTMENT

Mr. LaMaster

Mr. Goodale Mr. Breazeale

Dairy 201—Introductory Dairying—3 cr. (2 and 3)

A course designed to give a practical working knowledge of dairy husbandry and dairy products. Studies include history of dairying, dairy breeds, feeds and feeding, judging dairy animals, dairy farm buildings,

quality milk production, testing milk and some of its products, the manufacture of milk products, and the value of milk and milk products.

Mr. Breazeale

Dairy 301—Genetics—3 cr. (2 and 3)

A study of the principles of heredity and variation with special reference to their application to the animal kingdom. Some of the topics covered are Mendel's Law, physical basis of inheritance, chromosome theory, linkage, expression and interaction of factors, origin of hereditary differences, inheritance of quantitative characters, and biometric methods. *Prerequisite*: Junior standing

Mr. LaMaster

Dairy 302—Dairy Technology and Engineering—3 cr. (2 and 3)

The chemical and physical properties of milk and milk products are studied in the classroom and laboratory as they apply to the processing of dairy products. Some of the dairy engineering subjects studied are: Heat measurement, transfer and control; power transmission, electrical power and equipment, hydraulics and pumping, steam and its use in the dairy, refrigeration, insulation, heaters and coolers, ice cream equipment, homogenizers, pasteurizing equipment, evaporating and drying equipment, washing and sterilizing equipment, fillers, equipment maintenance, general mechanics, and dairy plant design and layout. *Prerequisite*: Junior standing

Mr. Goodale

Dairy 305—Dairy Cattle Judging—1 cr. (0 and 3)

Students are given an understanding of dairy form, breed type, and relations between form and function of dairy cattle. Emphasis is placed on the score card, show ring requirements and classifications, fitting dairy cattle for show and sale, values as influenced by form, buying dairy cattle, practice in judging Brown Swiss, Guernsey, Holstein, and Jersey cattle of all ages. *Prerequisite*: Junior standing

Mr. Breazeale

Dairy 306—Market Milk—3 cr. (3 and 0)

To give a comprehensive understanding of the care and handling of market milk, the following subjects are studied: History and development of the market milk industry, composition of milk and its properties, microorganisms, enzymes and cells of milk and cream, milk and public health,

safeguarding the milk supply, sanitary production of market milk, construction and arrangement of buildings (farm and station), transportation of milk, flavors of milk, construction and arrangement of city milk plants, milk plant operation, pasteurization of milk, cooling systems, creaming, separation, special milk products, business management, the dairy laboratory, dairy mathematics. *Prerequisite*: Dairy 201

Mr. Goodale

Dairy 309—Dairy Cattle Nutrition—3 cr. (3 and 0)

A chemical and physiological treatment of digestion, absorption and metabolism of nutrients. The physiology of and nutritional requirements for body maintenance, growth, reproduction and lactation of dairy cattle. *Prerequisite*: Chemistry 220

Dairy 352—Advertising and Marketing—3 cr. (3 and 0)

To give fundamentals in important fields of sales and marketing, the following topics are studied: Evolution of advertising, advertising allied with journalism, rise of national advertising, social aspects of advertising, advertisers policies and objectives, modern advertising procedure, marketing research, names, trade marks, packages, psychology of selling, incentives to attention, incentives to interest, establishing associations, building the advertisement, substance of advertising copy, typography, illustrations and color, layout and visualization, advertising program, advertising production, media, radio advertising. *Prerequisite*: Junior standing

Mr. Goodale

Dairy 401—Dairy Manufactures—3 cr. (2 and 3)

A thorough study is made of the manufacture of creamery butter, and the processing of soft cheeses. Some of the topics covered are: History of buttermaking, care of cream on the farm, buying and grading cream, inspection and testing methods, neutralization, pasteurization, starters and ripening, churning, and all subsequent processes until butter is ready for market, composition control, butter scoring, butter storage, marketing butter, refrigeration and sanitation. Studies are conducted on complete processing methods for common varieties of soft cheeses. *Prerequisite*: Dairy 201 and 302

Mr. Goodale

Dairy 402—Dairy Manufactures—4 cr. (2 and 6)

A study of ice cream manufacture and related problems of producing condensed and powdered milks. Some subjects covered are: History of ice cream making, classification of frozen products, composition, ingredients

used, standardization of mixes, processing mixes, testing, freezing, whipping defects in ice cream, packaging, hardening, shipping sugars, egg products, stabilizers, chocolate products, vanillas, fruits, ices, sherbets, specials, costs and merchandising, ice cream as a food, and bacteriology of ice cream. *Prerequisite*: Dairy 201 and 302

Mr. Goodale

Dairy 405—Dairy Cattle Breeding—3 cr. (2 and 3)

The student is given an understanding of the methods used in developing and improving the breeds of cattle. Principal topics are: breed history, advanced register, pedigrees, methods of indexing proved sires, statistical study of the relations of environment to production. *Prerequisite*: Genetics

Mr. LaMaster

Dairy 409—Dairy Seminar—2 cr. (2 and 0)

Special research problems in production and manufactures are studied. Individual topics not fully covered in class work are assigned for special reports before class and Dairy Staff. *Prerequisite*: Senior standing

Dairy Staff

Dairy 410—Dairy Seminar—2 cr. (2 and 0)

This course is a continuation of Dairy 409 with emphasis on current research literature. Each student is required to conduct a research project in production or manufactures and report the exposition of the results by thesis. *Prerequisite*: Senior standing

Dairy Staff

Dairy 452—Dairy Cattle Feeding and Management—3 cr. (2 and 3)

This course gives the fundamental principles in the care, feeding, and management of dairy cattle of all ages. Principal topics include: general considerations in selecting a breed, selecting the individual cow, calf raising, growth and development, raising dairy heifers, care and management of the milking herd, milking factors, feeding for milk production, stables for cows, dairy barn equipment and handling manure. *Prerequisite*: Senior standing

Mr. LaMaster

DRAWING AND DESIGNING

Mr. Klugh

Mr. Shigley	Mr. Banister	Mr. Hughes
Mr. Bradbury	Mr. Carter	Mr. McHugh

D D 101—Freehand Drawing—1 cr. (0 and 3)

A study of the principles of technical sketching, including the development of skills in technical lettering and freehand drawing.

Drawing Staff

D D 102—Technical Drawing—1 cr. (0 and 3)

A study of the elementary principles of multi-view projection with emphasis upon the reading of technical drawings rather than upon their execution. *Prerequisite*: D D 101

Drawing Staff

D D 105—Engineering Drawing—2 cr. (0 and 6)

A comprehensive study of the language of the engineer. The course includes lettering, use of instruments, technical sketching, multi-view drawing, auxiliary projection, sectional views, dimensioning, fasteners, pipe drawings, and simple detail and assembly drawings.

Drawing Staff

D D 106—Engineering Drawing—2 cr. (0 and 6)

A continuation of D D 105. The course includes detail and assembly drawings, welding drawings, pictorial drawings, simple problems involving the point, line, and plane in descriptive geometry, structural drawing, developments and intersections, jigs and fixtures, and simple problems in cams and related motions. *Prerequisite*: D D 105

Drawing Staff

D D 305—Kinematics of Machines—2 cr. (1 and 3)

A study of cams, linkages, and related mechanisms. The determination of velocities and accelerations in simple machines. A comprehensive study of toothed gearing, simple and planetary gear trains and miscellaneous mechanisms. *Prerequisite*: D D 106. Must parallel or follow M E 303.

Mr. Klugh Mr. Shigley Mr. Bradbury

D D 306—Machine Design—2 cr. (1 and 3)

A study of the various "factors" which influence the design engineer's decision upon the size, material, or shape of a machine part, and its location in a machine. Review of materials and processes from the standpoint of design. The design of various machine elements. A selected group of laboratory problems to bring out the student's judgment, initiative, and ingenuity, and to unite all his previous experience and studies and focus them towards the solution of each problem. *Prerequisite*: D D 305. Must parallel or follow Mech 304.

Mr. Klugh Mr. Shigley Mr. Bradbury

ECONOMICS

*Mr. Burtner	Mr. Powers	Mr. Tuttle
*Mr. Lander	Mr. McElveen	Mr. Trevillian

Econ 201—Principles of Economics—3 cr. (3 and 0)

This course, with its continuation, Econ 202, furnishes a basic introduction to the science of economics. Beginning with an examination of fundamental concepts, the course deals with principles of production and exchange, business organization and combination, and principles of money, banking and credit. Special emphasis is given to current economic problems.

Economics Staff

Econ 202—Principles of Economics—3 cr. (3 and 0)

Continuation of Econ 201 with special attention to the distribution of national income, value and price, foreign trade and exchange, economic problems of government such as taxation and government spending. Comparison is made of the economic structures of capitalism, socialism and communism. Consideration is given to current economic problems. *Prerequisite*: Econ 201

Economics Staff

Econ 301—Labor Problems—3 cr. (3 and 0)

Studies in the development of present day labor conflict and causes of industrial unrest. An analytical survey is made of such aspects as unemployment, low wages, industrial accidents and diseases, intervention of the State in behalf of the worker and the status of the worker in

* On leave.

modern industrial society. Trade unionism and collective bargaining are contrasted with state legislation as devices for dealing with these problems. *Prerequisite*: Econ 201 and 202

Mr. Powers

Econ 302—Money and Banking—3 cr. (3 and 0)

A survey of the financial organization of society. Consideration of monetary systems, foreign exchange, credit instruments and principle types of financial institutions. Problems of credit control, monetary stabilization, banking regulation and reform are given special emphasis. *Prerequisite*: Econ 201 and 202

Mr. Powers

Econ 401—Elementary Accounting—3 cr. (3 and 0)

Practice in handling real and nominal accounts, together with an introduction to the use of various types of books of original entry, statements of profit and loss, and balance sheets. The work of the course will consist of lectures and problems. *Prerequisite*: Econ 201 and Junior standing

Mr. Powers

ELECTRICAL ENGINEERING

Mr. Rhodes

Mr. Tingley
Mr. Hallmark
Mr. Becker
Mr. Byars
Mr. Giles
Mr. Lewis
Mr. Morgan
Mr. Adams
Mr. Kersey
Mr. Long

E E 211—Electric Circuits—3 cr. (3 and 0)

An introductory course in fundamental theory of electric and magnetic circuits with illustrative applications to electrical apparatus. *Prerequisite*: Enrollment in Math 203 and Phys 212 and 214

Mr. Long Mr. Adams

E E 212—Electric Fields—3 cr. (2 and 3)

A continuation of E E 211 embracing the study of electromagnetic and dielectric fields and simple transients. Contains a correlated laboratory course. *Prerequisite*: E E 211; Phys 212, 214; and enrollment in Math 204

Mr. Rhodes Mr. Long

E E 303—Electric Circuits and Machines—4 cr. (3 and 3)

An elementary course in circuits and machines and their applications in industry. Planned for Civil Engineering, Agricultural Engineering and Industrial Education students. *Prerequisite*: All mathematics and physics courses listed in the respective curricula in which E E 303 is required.

Mr. Giles Mr. Adams

E E 304—Vocational Electricity—2 cr. (1 and 3)

A brief course designed to assist Industrial Education students in planning electrical courses for high school students. *Prerequisite*: E E 303

Mr. Morgan

E E 307—Direct-Currents and Machines—4 cr. (3 and 3)

Fundamental theory of direct-currents and machines with special emphasis on operating characteristics and industrial applications. *Prerequisite*: Math 203, and 204; Phys 211, 212, 213, and 214

Mr. Giles

E E 308—Alternating-Current Circuits and Machines—4 cr. (3 and 3)

A continuation of E E 307 designed for a similar study of alternating-currents and machines with typical industrial applications. *Prerequisite*: E E 307

Mr. Giles

E E 311—Direct-Current Machinery—4 cr. (3 and 3)

The theory, construction, and operating characteristics of direct generators, motors and control equipment, accompanied by a co-ordinated series of laboratory tests. *Prerequisite*: E E 211 and 212

Mr. Morgan

E E 315—Alternating-Current Circuits—3 cr. (3 and 0)

A comprehensive study of alternating-current fundamentals. Use of the vector algebra method of solution of circuit problems. *Prerequisite*: Math 203 and 204; Phys 211, 212, 213, and 214

Mr. Morgan

E E 316—Alternating-Current Circuits—4 cr. (3 and 3)

A continuation of E E 315 including the solution of problems involving non-sinusoidal currents, coupled circuits and balanced and unbalanced polyphase systems. Coordinated laboratory experiments included. *Prerequisite*: E E 315

Mr. Adams

E E 320—Electronics—4 cr. (3 and 3)

An introduction to electron tubes and circuits. Embraces thermionic emission, vacuum and gas filled tubes, photo-sensitive devices, cathode-ray tubes, rectifiers and industrial applications. Includes laboratory investigations and demonstrations. *Prerequisite*: E E 315; and enrollment in E E 316

Mr. Hallmark

E E 405—Electrical Design—1 cr. (0 and 3)

The application of fundamental principles of electric and magnetic circuits through a series of design problems correlating with direct-current and alternating-current machinery courses. *Prerequisite*: E E 311, and enrollment in E E 411

Mr. Rhodes

E E 406—Electrical Design—1 cr. (0 and 3)

A continuation of E E 405 with specific application to synchronous and induction machinery problems. *Prerequisite*: E E 411

Mr. Rhodes

E E 411—Alternating-Current Machinery—5 cr. (3 and 6)

The application of fundamental circuit theory to alternating-current machinery. Study of the construction, theory, and operating characteristics of transformers and synchronous generators and motors. *Prerequisite*: E E 316

Mr. Rhodes Mr. Tingley

E E 412—Alternating-Current Machinery—4 cr. (3 and 3)

A continuation of E E 411 covering the theory, operating characteristics and industrial applications of induction motors, converters, and the principal types of commutator motors. *Prerequisite*: E E 411

Mr. Rhodes Mr. Tingley

E E 415—Advanced Circuits—3 cr. (3 and 0)

A continuation of E E 315 and E E 316 embracing studies of transmission line calculations, electric filters, symmetrical components, power short-circuit calculations and transient conditions. *Prerequisite*: E E 316

Mr. Tingley

E E 422—Electric Distribution—2 cr. (2 and 0)

Technical and economic features of local wiring systems; city and rural distribution; control and protective equipment. Includes reference studies. *Prerequisite*: E E 316; and enrollment in E E 411

Mr. Giles

E E 426—Electric Transients—2 cr. (1 and 3)

A course, largely experimental, covering physical phenomena and mathematical analysis of electric circuits and machines in transient state. Open to a limited number of advanced Electrical Engineering students. *Prerequisite*: E E 411 and E E 415

Mr. Tingley

E E 427—Advanced A.C. Machinery—3 cr. (3 and 0)

Supplementary to E E 411 and E E 412 and covering special and more complex features of alternating equipment. Planned for Electrical Engineering students electing Electric Power engineering. *Prerequisite*: E E 411; and enrollment in E E 412

Mr. Rhodes

E E 431—Radio Communication—4 cr. (3 and 3)

A study of the component circuits involved in radio communication systems; audio and radio frequency amplifiers, detectors, oscillators, amplitude modulation systems, power supplies and transmitter and receiver circuits. *Prerequisite*: E E 320

Mr. Hallmark

E E 432—Radio Communication—4 cr. (3 and 3)

A continuation of E E 431. Includes frequency modulation, antennas and radio frequency transmission lines, ultra high frequency oscillators and detectors, and elementary acoustics and sound systems. *Prerequisite*: E E 431

Mr. Hallmark

E E 433—Industrial Electronics—3 cr. (2 and 3)

A course, principally laboratory, embracing the study of electronic equipment especially designed for various industrial applications with special emphasis given to the study of rectifiers, high frequency heating, welding controls, x-ray analysis, speed and voltage regulators, synchronizers, timers, etc. *Prerequisite*: E E 320 and enrollment in E E 411

Mr. Tingley

E E 436—Radiation and Wave Propagation—3 cr. (2 and 3)

An advanced study of electric fields, vector analysis, Maxwell's equations, wave guides, radiation, antennas and propagation of waves in space. *Prerequisite*: E E 431

Mr. Hallmark

ENGLISH

Mr. Bradley

Mr. Kinard	Mr. C. B. Green	Mr. Durden
Mr. J. C. Green	*Mr. MacIntosh	Mr. Felder
Mr. Lane	Mr. Purser	Mr. Gardiner
Mr. Taylor	Mr. Wilson	Mr. Holt
Mr. Owings	Mr. Winter	Mr. McGee
Mr. H. M. Cox	Mr. Burnet	Mr. Slobodien
	Mr. J. T. Cox	

Engl 10—Remedial English—Non-credit (3 and 0)

A refresher course for students failing the placement test for English 101; a thorough review of grammar, punctuation, and sentence structure with drill in general correctness; some study of the principles of the paragraph, the whole composition, and letter writing.

The English Staff

* On leave.

ENGL 101—COMPOSITION AND LITERATURE—3 cr. (3 and 0)

A course intended to train the student in correct and effective expression and to acquaint him with the various kinds of good writing. *Prerequisite*: Satisfactory score on the English Placement test or successful completion of Engl 10

THE ENGLISH STAFF

ENGL 102—COMPOSITION AND LITERATURE—3 cr. (3 and 0)

A continuation of the work of English 101 with a wider scope of reading and special attention to longer pieces of writing. *Prerequisite*: Engl 101

THE ENGLISH STAFF

ENGL 201—LITERATURE AND ADVANCED COMPOSITION—3 cr. (3 and 0)

A study of early nineteenth century English literature: the early Romantic movement as revealed mainly in the writings of Wordsworth, Scott, and Coleridge; the culmination of the movement in the poetry of Byron, Shelley, and Keats; study or reading assignments in the prose writings of the period. *Prerequisite*: Engl 101 and 102

THE ENGLISH STAFF

ENGL 202—LITERATURE AND ADVANCED COMPOSITION—3 cr. (3 and 0)

A study of the outstanding authors and writings of the Victorian Period in English Literature: interpretation of the important works of the leading poets of the period with emphasis on Tennyson and Browning; study and reading assignments in the prose writings of the period. *Prerequisites* Engl 101 and 102

THE ENGLISH STAFF

ENGL 300—ENGLISH AT WORK—1 to 4 cr.

A study of the duties and responsibilities shouldered by students who edit uncensored publications. Professional journalists and other qualified individuals from the campus and elsewhere lead the discussions and offer constructive criticism. As often as practicable, the most recent issue of a student publication is selected for discussion. Enrollment is limited to staff members of student publications. Extra credits by approval of Faculty Advisor only. *Prerequisite*: Engl 101 and 102

MR. LANE

ENGL 301—PUBLIC SPEAKING—3 cr. (3 and 0)

A course of practical training in public speaking: the improvement of articulation, voice, and platform presence; the writing and delivery of short speeches; impromptu and extemporaneous speaking and debating; dummy broadcasting and drill with recording equipment for improvement in voice and oral composition. *Prerequisite*: Engl 201 and 202

MR. BRADLEY MR. H. M. COX MR. C. B. GREEN MR. PURSER

ENGL 302—BUSINESS LAW—3 cr. (3 and 0)

A study of the basic principles of Business Law; the origin and purpose of laws; contracts; agency, negotiable instruments; bailments and carriers; illustrative cases. *Prerequisite*: Engl 201 and 202

MR. BRADLEY MR. H. M. COX

ENGL 305—EXPOSITORY WRITING—3 cr. (3 and 0)

Training in the processes of expository writing or explanation; the qualities and tools of exposition; various forms of expository writing. *Prerequisite*: Engl 201 and 202

ENGL 400—THE THESIS—1 cr. (0 and 3)

A course in practical guidance to the student in making research and presenting the results in proper form; statement of the problem with origin and history; object and scope of the investigation; application of results; plan of procedure. (To be prepared under the direction of a member of the School of Arts and Sciences and approved by him, as to content, and by a member of the English Department, as to form.) *Prerequisite*: Engl 201 and 202

ENGL 405—SHAKESPEARE—3 cr. (3 and 0)

To give the student as comprehensive an acquaintance as possible with Shakespeare's plays and some understanding of his development as a dramatist. *Prerequisite*: Engl 201 and 202

MR. TAYLOR

ENGL 406—SHAKESPEARE—3 cr. (3 and 0)

A continuation of the work as outlined in Engl 405. *Prerequisite*: Engl 201 and 202

MR. TAYLOR

ENGL 409—CHAUCER—3 cr. (3 and 0)

A study of the language, verse forms, and stories of Chaucer; reading from the *Prologue and the Canterbury Tales;* supplementary reading of historical and critical authors. *Prerequisite*: Engl 201 and 202

MR. BRADLEY

ENGL 410—CHAUCER—3 cr. (3 and 0)

Continuation of the work of English 409 with wider reading in the works of Chaucer; reading of Troilus and Creiseyde with a study of motivation for the love casuistry and tragic element of the poem. *Prerequisite*: Engl 409

MR. BRADLEY

ENGL 415—INTRODUCTION TO DRAMA—3 cr. (3 and 0)

A study of principles and progress of drama from Aeschylus to Ibsen, analysis of representative plays, writing of critical reports, practice in classroom reading of great scenes. *Prerequisite*: Engl 201 and 202

MR. LANE

ENGL 416—INTRODUCTION TO DRAMA—3 cr. (3 and 0)

A study of principles and progress of drama from Ibsen to the present days, analysis of representative plays, writing of critical reports, classroom reading of great scenes, and discussion of all important aspects of modern drama. *Prerequisite*: Engl 201 and 202

MR. LANE

ENGL 419—SELECTED MASTERPIECES—3 cr. (3 and 0)

A study of a variety of literary masterpieces, principally from English literature but including some world literature in English translation, with emphasis on acquaintance with and appreciation of individual outstanding works. *Prerequisite*: Engl 201 and 202

MR. KINARD

ENGL 420—SELECTED MASTERPIECES—3 cr. (3 and 0)

A continuation of English 419 using different selections. *Prerequisite*: Engl 201 and 202

MR. KINARD

ENGL 423—AMERICAN LITERATURE—3 cr. (3 and 0)

To give the student a more thorough knowledge and a deeper appreciation of the literature of the United States; beginning with the earlier selections and outstanding authors, the study ends with period immediately preceding the Civil War; special emphasis is given to Poe, Emerson, Hawthorne, and Melville. *Prerequisite*: Engl 201 and 202

MR. J. C. GREEN

ENGL 424—AMERICAN LITERATURE—3 cr. (3 and 0)

A continuation of study from Whitman to the present with emphasis upon the literature of the South. *Prerequisite*: Engl 201 and 202

MR. J. C. GREEN

ENTOMOLOGY

MR. DUNAVAN MR. WARNHOFF MR. WARE

ENT 301—ELEMENTARY AND ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

A general introduction to Entomology with emphasis on anatomy, metamorphosis, life-histories of our most important species and methods of control. *Prerequisite*: Zool 101

MR. WARNHOFF

ENT 302—GENERAL ENTOMOLOGY—3 cr. (2 and 3)

This course designed especially for students who take major work in Entomology. Provides basic training in general phases of Entomology covering especially metamorphosis, classification, habits and characteristics of members of principal families of all orders of insects. Special attention is also given to technique of collecting and preserving insects. *Prerequisites*: Zool 101 and Ent 301

MR. DUNAVAN

ENT 401—ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

Course affords training in identification and life-histories of injurious insects, their damage, and control measures. Common pests of the following are studied: corn, small grains, legume field crops, tobacco, sugar cane, stored grain and seed, livestock and man. *Prerequisites*: Zool 101 and Ent 301

MR. WARNHOFF

ENT 402—ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

An intensive study of insecticides and other control measures for insects. This is followed by detailed study of habits, life-histories and approved control measures for insect pests of all fruit and vegetable crops. *Prerequisites*: Zool 101 and Ent 301

MR. WARNHOFF

ENT 405—INSECT MORPHOLOGY—3 cr. (2 and 3)

A course especially arranged for students with major work in Entomology. A detailed study of external and internal anatomy of insects. *Prerequisites*: Ent 301 and Ent 302

MR. DUNAVAN

ENT 406—BEEKEEPING—3 cr. (2 and 3)

A study of practical beekeeping methods. Each student personally manages a hive of bees throughout the term. Special attention is given to bee behavior, spring and fall management and honey production methods. *Prerequisite*: Ent 301

MR. DUNAVAN

ENT 451—INTRODUCTION TO RESEARCH—2 cr. (1 and 3)

A study of approved methods of investigating entomological problems. Each student conducts a minor investigation, gathers data, and writes a graduation thesis. *Prerequisites*: Ent 301 and Ent 302

MR. DUNAVAN

ENT 452—TAXONOMIC ENTOMOLOGY—2 cr. (1 and 3)

A study of principles involved in the systematic classification of insects with some attention to historical aspects including great taxonomists of the past. Intensive studies of generic characteristics of insects in several major families are made. *Prerequisite*: Zool 101, Ent 301, and Ent 302

MR. DUNAVAN

ENT 456—PARASITOLOGY—3 cr. (2 and 3)

Designed to give technical training in parasites affecting man and domestic animals. Life cycles, vectors, and practical controls are emphasized.

MR. WARE

ENT 460—SEMINAR—2 cr. (2 and 0)

Students review the principal journals pertaining to insects and related animals; also review the lives and activities of prominent pioneer entomologists. *Prerequisites*: Zool 101 and 301; Ent 301 and 302

MR. DUNAVAN

FORESTRY

MR. LEHOTSKY

FOR 201—GENERAL FORESTRY—3 cr. (2 and 3)

A general introduction to and survey of the field of forestry. An introductory course for pre-forestry students, and a survey of the field of regional, national and world forestry problems arranged for non-foresters. The forest resource and its place in human welfare.

MR. LEHOTSKY

FOR 202—DENDROLOGY—4 cr. (3 and 3)

The identification of the commercially important trees of the United States including nomenclature; family, genus and species characteristics; range and distribution. Field identification of the trees native to South Carolina and of commonly planted exotics. *Prerequisite*: Bot 101

MR. LEHOTSKY

FOR 304—FARM FORESTRY—3 cr. (2 and 3)

A study of the general problems dealing with the scientific management of small forest areas. Tree identification, tree measurements, forest measurements, forest products, silvicultural management of the important forest types of the region, intermediate and final cuttings, plantations, marketing of forest products and forest protection. Laboratory and field work on college forest lands and forestry operations. *Prerequisite*: Bot 101

MR. LEHOTSKY

FRENCH

Mr. Rhyne

Mr. Dean Mr. Burnet Mrs. Epting

Fr 101—Elementary French—3 cr. (3 and 0)

A course for beginners, in which through conversation, composition, and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

Mr. Burnet Mrs. Epting

Fr 102—Elementary French—3 cr. (3 and 0)

A continuation of Fr 101, in which a reader is also used.

Mr. Dean

Fr 201—Intermediate French—3 cr. (3 and 0)

A short review of grammar, with conversation, composition, and dictation continued from Fr 102 and the beginning of more serious reading of French prose in short stories or novels.

Mr. Rhyne

Fr 202—Intermediate French—3 cr. (3 and 0)

While attention is paid to writing and speaking French, more stress is laid on the rapid reading of more difficult French prose than in the earlier courses.

Mr. Dean

Fr 301—Advanced French—2 cr. (2 and 0)

Rapid reading of difficult literary or scientific French prose.

Mr. Dean

Fr 302—Advanced French—2 cr. (2 and 0)

A continuation of Fr 301, with selections being made to suit the needs of the students.

Mr. Dean

GEOGRAPHY

MR. CARPENTER

GEOG 301—ECONOMIC GEOGRAPHY—3 cr. (3 and 0)

A study of the geographic conditions fundamental to the world's resources—agricultural, mineral, and industrial, and the conditions which affect their production, exchange, and consumption. A special study will be made of the South. *Prerequisite*: Junior Standing

MR. CARPENTER

GEOG 302—GEOPOLITICS—3 cr. (3 and 0)

A study of the Geopolitical pattern of great powers, nations and dependencies; their territorial structure, resources, and connections. An examination of the principles of political geography, their application to current history, from an American geographical viewpoint. *Prerequisite*: Junior Standing

MR. CARPENTER

GEOLOGY AND MINERALOGY

MR. CALHOUN

GEOL 201—AGRICULTURAL GEOLOGY—3 cr. (3 and 0)

In this course the student is shown the relationships existing between geology and practical agricultural problems, especially those in connection with soil formation and adaptation. Soil making minerals and rocks; formation of soils and rocks, the question of the relation of underground water to springs, wells and drainage problems are considered.

MR. CALHOUN

GEOL 203—GENERAL GEOLOGY—3 cr. (3 and 0)

This course is intended to familiarize students with geology as applied not only to a thorough enjoyment of nature, but also to its many practical applications.

MR. CALHOUN

GEOL 204—GENERAL GEOLOGY—3 cr. (3 and 0)

In the second semester the evolution of the earth, through all of its changes to the geography and life of the present day, is traced.

MR. CALHOUN

GEOL 306—MINERALOGY—4 cr. (3 and 3)

The purpose is to give the students a comprehensive knowledge of crystallography and descriptive and determinative mineralogy.

MR. CALHOUN

GEOL 402—METEOROLOGY—2 cr. (2 and 0)

A course designed to give the general principles of meteorology and climatology as applied to farming, aviation, and to those sciences which require a knowledge of such principles.

MR. CALHOUN

GEOL 406—ENGINEERING GEOLOGY—3 cr. (3 and 0)

To show the practical application of geology to problems of engineering. Topographic and geologic maps are used extensively in connection with the text.

MR. CALHOUN

GERMAN

MR. RHYNE

GER 101—ELEMENTARY GERMAN—3 cr. (3 and 0)

A course for beginners, in which through conversation, composition and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

MR. RHYNE

GER 102—ELEMENTARY GERMAN—3 cr. (3 and 0)

A continuation of Ger 101, in which a reader is also used.

MR. RHYNE

GER 201—INTERMEDIATE GERMAN—3 cr. (3 and 0)

A short review of grammar, with conversation, composition, and dictation continued from Ger 102 and the beginning of more serious reading of German prose in short stories or novels.

MR. RHYNE

GER 202—INTERMEDIATE GERMAN—3 cr. (3 and 0)

While attention is paid to writing and speaking German, more stress is laid on the rapid reading of more difficult German prose than in the earlier courses.

MR. RHYNE

GER 301—ADVANCED GERMAN—2 cr. (2 and 0)

Rapid reading of difficult literary or scientific German prose.

MR. RHYNE

GER 302—ADVANCED GERMAN—2 cr. (2 and 0)

A continuation of Ger 301, with selections being made to suit the needs of the students.

MR. RHYNE

GOVERNMENT

MR. EPTING	MR. ALEXANDER	MR. TUTTLE
MR. CROUCH	MR. CARPENTER	MR. WEBB
MR. BOLEN	*MR. LANDER	MR. WILLIAMS

GOV 101—AMERICAN NATIONAL GOVERNMENT—3 cr. (3 and 0)

A survey of the principles, structure, and functions of the national government of the United States. Not open to Juniors and Seniors.

GOVERNMENT STAFF

GOV 301—AMERICAN GOVERNMENT AND POLITICAL PARTIES—3 cr. (3 and 0)

A study of the constitution; powers and functions of executive, legislative, and judicial branches; citizenship; expansion of governmental activities; relations to the states, and territories. A study of the nature, development,

*On leave

organization, and methods of political parties, and the conduct of elections. *Prerequisite*: Not open to those who have completed Gov 101.

Mr. Carpenter

Gov 302—State and Local Government—3 cr. (3 and 0)

An integrated study of American state and local government structural features, functions and legislative, administrative, and judicial processes. *Prerequisite*: Gov 101 or 301 and permission of the instructor.

Mr. Epting

Gov 401—Comparative Government—3 cr. (3 and 0)

A study of the historical development of present-day political institutions and a comparison of the functioning of these institutions in the United States, Great Britain, Russia, Switzerland, and other countries. *Prerequisite*: Gov 101 and permission of the instructor

Mr. Bolen

Gov 403—International Relations—3 cr. (3 and 0)

To acquaint the student with current world movements and conditions, so that he may be able to think intelligently on the problems confronting our nation. *Prerequisite*: Senior standing

Mr. Crouch

HISTORY

Mr. Epting	Mr. Holmes	Mr. Tuttle
Mr. Alexander	Mr. Carpenter	Mr. Webb
Mr. Bolen	°Mr. Lander	Mr. Williams

Hist 101—American History—3 cr. (3 and 0)

A survey of the political, economic, and social development of the American people from the period of discovery to the end of the Civil War.

History Staff

Hist 102—American History—3 cr. (3 and 0)

A survey of the political, economic and social development of the American people from the end of the Civil War to the present.

History Staff

°On leave

HIST 301—HISTORY OF THE UNITED STATES SINCE 1865—3 cr. (3 and 0)

An advanced study of the political, social, and economic development of the United States since the end of the Civil War. *Prerequisite*: Junior standing. Not open to students who have completed Hist 102.

HISTORY STAFF

HIST 303—HISTORY OF CIVILIZATION—3 cr. (3 and 0)

A study of the political, economic and social institutions, as well as the outstanding personalities of Western Civilization from ancient times to 1648. *Prerequisite*: Junior standing or permission of instructor.

MR. BOLEN

HIST 304—HISTORY OF CIVILIZATION—3 cr. (3 and 0)

A study of the political, economic, and social conditions and institutions, as well as the outstanding personalities of Western Civilization from 1648 to the present. *Prerequisite*: Junior standing or permission of instructor.

MR. BOLEN

HIST 305—HISTORY OF THE SOUTH—3 cr. (3 and 0)

A study of the colonial background, political life, and economic, social and cultural development of the South. *Prerequisite*: Junior standing

MR. ALEXANDER

HIST 306—AMERICAN BIOGRAPHY—3 cr. (3 and 0)

A study of political leaders of the United States with emphasis on the significance of leadership in United States history and critical appreciation of biographical writing. *Prerequisite*: Junior standing.

MR. ALEXANDER

HIST 307—A DIPLOMATIC HISTORY OF THE UNITED STATES—3 cr. (3 and 0)

A history of United States foreign relations from 1775 to date with emphasis being placed upon the directing forces, particularly public opinion, that have shaped American diplomatic policies. Also stressed are the causes and results of all foreign wars in which the United States has been engaged. *Prerequisite*: Junior standing

MR. LANDER

HIST 308—EUROPE SINCE 1918—3 cr. (3 and 0)

A history of Europe since the end of World War I with emphasis being placed upon the rise to power of the Communist, Fascist, and National Socialist regimes in Russia, Italy, and Germany, respectively. *Prerequisite*: Junior standing

MR. LANDER

HIST 309—HISTORY OF ENGLAND—3 cr. (3 and 0)

A study of the economic, political, and social institutions of the English people from early times to the present. *Prerequisite*: Junior standing.

MR. BOLEN

HIST 311—HISTORY OF LATIN AMERICA—3 cr. (3 and 0)

A survey of the political, economic, social, and cultural development of Latin America. *Prerequisite*: Junior standing.

MR. EPTING

HIST 401—HISTORY OF SOUTH CAROLINA—3 cr. (3 and 0)

A study of the political, economic and social conditions and institutions of South Carolina from 1670 up to the present.

A special feature is a study of the outstanding personalities and of the historical literature. *Prerequisite*: Junior or Senior standing or permission of instructor

MR. HOLMES

HORTICULTURE

MR. MUSSER

MR. GARRISON MR. VAN BLARICOM MR. SENN
MR. SEFICK MR. THODE

HORT 201—GENERAL HORTICULTURE—3 cr. (2 and 3)

A study of the fundamental plant processes, the influence of light, temperature, water and nutrients upon vegetative growth and reproduction of horticultural crops. Production practices, harvesting, storage and marketing of the principal fruit, vegetable and ornamental crops are discussed with demonstrations and practice in greenhouse and orchard. *Prerequisite*: Bot 101, Chem 101

MR. SEFICK MR. SENN

HORT 301—PRINCIPLES OF VEGETABLE PRODUCTION—3 cr. (2 and 3)

A study of the general principles of vegetable growing and handling. Phases receiving special emphasis are: economic importance, producing areas, management practices, plant forcing, cultural practices, irrigation, quality factors, harvesting, grading, packing, storage, market inspection, transportation, refrigeration, exhibition, roadside marketing, and seed production. *Prerequisite*: Hort 201

MR. GARRISON

HORT 305—PLANT PROPAGATION AND NURSERY MANAGEMENT—3 cr. (2 and 3)

A study of methods of propagation; time, manner, and material for making cuttings; temperature and media for rooting cuttings of ornamental trees, shrubs and flowering plants; propagating structures, soils, fertilizers, and management methods for commercial nurseries. Practical instruction given in field and greenhouse. *Prerequisite*: Hort 201

MR. THODE

HORT 306—ELEMENTARY LANDSCAPE DESIGN—3 cr. (2 and 3)

A study of plant material used in landscape design; instruction in landscaping and developing home grounds and execution of design.

MR. THODE

HORT 401—LANDSCAPE DESIGN—3 cr. (2 and 3)

Instruction in the use of plant material used in landscaping homes, parks and small estates and designing of larger areas. Designs to be executed in detail. *Prerequisite*: Hort 306

MR. THODE

HORT 402—GARDEN DESIGN—3 cr. (2 and 3)

Instruction in design of both formal and informal gardens; use of herbaceous plant material and execution of plans. *Prerequisite*: Hort 306

MR. THODE

HORT 405—NUT CULTURE AND SPRAYS—3 cr. (2 and 3)

Part I—Nut Culture—a study of production, harvesting and marketing of the principal nut crops with emphasis on the pecan.

Part II—Sprays and application equipment—a study of the properties

of spray chemicals, their influence on plant functions, effectiveness in controlling pests of horticultural crops and methods of application. *Prerequisite*: Hort 201

Mr. Sefick

Hort 409—Seminar—1 cr. (1 and 0)

A study of recent research work on various phases of horticulture, methods of conducting investigations and preparation of report of investigations.

Mr. Musser and Staff

Hort 410—Seminar—1 cr. (1 and 0)

A continuation of Hort 409.

Mr. Musser and Staff

Hort 415—Floriculture—3 cr. (2 and 3)

A study of greenhouse production of commercial flower crops, soils, fertilizers, greenhouse diseases and insects, flower crops (major crops: roses, carnations, chrysanthemums; minor crops: sweet peas, snapdragons, violets, calendula, asters, gardenia, poinsettia, bulbs in variety) to be grown on benches and as pot plants; marketing and costs of production. *Prerequisite*: Hort 201 and 305

Mr. Thode

Hort 451—Systematic Pomology and Small Fruit Culture—3 cr. (2 and 3)

Part I—Systematic Pomology—A study of the structure of fruit plants—physiological characters; methods of work in systematic pomology; habitat, history, color, form, structure, flavor and use of fruits; judging and displaying fruits.

Part II—Small Fruit Culture—A study of varieties, soils, sites, culture, fertilizers, harvesting and preparation for marketing of grapes, strawberries, dewberries, blackberries, raspberries and other small fruits. *Prerequisite*: Hort 201

Mr. Musser

HORT 452—COMMERCIAL POMOLOGY—3 cr. (2 and 3)

A study of fruit bud formation, rest period and water relations of fruit plants, soils, fruit setting; orchard soil management and responses of various fruits to fertilizers, principles of pruning, effect of climatic differences, freezing of tissues and means of avoiding injury, harvesting, transportation, and storage. *Prerequisite*: Hort 201

MR. MUSSER

HORT 455—BREEDING HORTICULTURAL CROPS—3 cr. (2 and 3)

A study of the principles and practices of plant breeding. The principle topics include: inheritance of characters, modes of reproduction, techniques of selfing and crossing, selection, hybridization, disease and insect resistance, application of biometrical analysis, and field plot technique. *Prerequisite*: Agron 302

MR. GARRISON

HORT 456—TRUCK CROPS—3 cr. (2 and 3)

A detailed study of the principles and practices employed in the growing and marketing of truck crops. Emphasis is placed on plant characteristics, varieties, soils, fertilizers, harvesting, and preparation for market. *Prerequisite*: Hort 201

MR. GARRISON

HORT 460—ADVANCED LANDSCAPE DESIGN—3 cr. (2 and 3)

A study of civic improvement, mill villages, public buildings, squares, parks, storm water control, water courses, lakes, lawns, drives, and walks; trees and shrubs and their requirements; study of finished problems in landscape design, original problems, field work and costs. *Prerequisite*: Hort 306 and 401

MR. THODE

HORT 464—FOOD PRESERVATION—3 cr. (2 and 3)

Theoretical background and fundamental processes of food preservation. The course includes modern canning technique for community and commercial canneries; frozen food preservation; study of important crops grown in South Carolina suitable for canning; factors which influence the commercial operation of a cannery; causes of food spoiling; factors which

influence quality packs; U. S. Standard grades for canned goods; and a study of jams, jellies and preserves, dehydration and pickle manufacturing. *Prerequisite*: Bact 301

Mr. Van Blaricom

INDUSTRIAL ARTS

Mr. Marshall

In Ar 303—Industrial Arts—2 cr. (1 and 3)

A course to include project construction, finishing, care of shop tools and equipment, characteristics of woods, fasteners, finishing materials, glues, and the shop budget.

Mr. Marshall

In Ar 304—Special Methods in Industrial Arts—2 cr. (1 and 3)

A study in fundamental skills, knowledges, and appreciation of woodwork. Special technique and method of approach in teaching shop subjects in high schools are also covered.

Mr. Marshall

INDUSTRIAL ENGINEERING

Mr. Freeman - Mr. Marshall

Mr. Brock Mr. Couch Mr. Meeks

In En 101—Metal Processes—2 cr. (0 and 6)

A study of forge equipment; materials used in forgings, selections of materials, method of working and treating, heat treating, and case hardening. A study of materials used in foundry; the cupola, moulding sand, cores, patterns, the crucible furnace, the cleaning and inspection of castings. A study of welding equipment; safety practices, jigs, inspection and testing of welds. Lectures and demonstrations accompany this work.

Mr. Couch Mr. Meeks

In En 201—Metal Processes—2 cr. (0 and 6)

A study of metal cutting processes, including the possibilities and limitations in machine tool operation, job order, lot intermittent and mass

production principles. The work is covered by lecture and shop practice with the fundamental machine and hand tools. *Prerequisite*: D D 106, Math 103, In En 101

Mr. Freeman

In En 202—Wood Processes—2 cr. (0 and 6)

A study of the most suitable materials, hand and machine tools used in the construction of wood patterns. The fundamental processes involved in the fashioning of typical patterns, keeping in mind the relations of the allied department, particularly those of the foundry.

Mr. Brock Mr. Banister Mr. Marshall

In En 205—Construction Materials—2 cr. (2 and 0)

A study of the sources of materials used in industry; a study of wood, concrete, ferrous alloys, non-ferrous materials, brick, tile, and other building materials. This course is designed to help the engineer to select the proper material for any given job.

Mr. Couch

In En 301—Advanced Woodwork—1 cr. (0 and 3)

An elective course in furniture and cabinet making.

Mr. Marshall

In En 302—Welding—2 cr. (1 and 3)

A study of the identification and weldability of metals; the equipment used; safe practices; welding materials and supplies; pre-treatment and after-treatment of welds; jigs and fixtures; inspection and testing; the cost of welding. *Prerequisite*: In En 101

Mr. Couch

In En 402—Metallurgy—3 cr. (3 and 0)

A general course in the fundamentals of engineering physical metallurgy. The course is designed to give students in other fields of engineering a general working knowledge of problems involving ferrous and nonferrous physical metallurgy. *Prerequisite*: Chem 101 and 102

Mr. Freeman

MATHEMATICS

Mr. Sheldon

Mr. Martin	Mr. Brewster	Mr. Burnette
Mr. Coker	Mr. Kirkwood	Mr. Hind
Mr. Edwards	Mr. Miller	Mr. Kelly
Mr. LaGrone	Mr. Stanley	Mr. Sullivan
Mr. Armstrong	Mr. Stuart	Mr. Vause
Mr. Bell	Mr. Brown	

Math 10—Remedial Mathematics—Non-credit (5 and 0)

Required of all entering freshmen who fail to make a satisfactory grade on the placement examination in mathematics.

An intensified review of the basic principles of high school mathematics which are prerequisite for the study of college mathematics.

Mathematics Staff

Math 101—College Algebra—3 cr. (3 and 0)

A study of elementary college algebra including the fundamental operations, factoring and fractions, equations, ratio and proportion, functions and their graphs, exponents, radicals, quadratic equations. *Prerequisite*: A satisfactory grade on the placement examination

Mathematics Staff

Math 102—Trigonometry (Plane)—3 cr. (3 and 0)

A study of the trigonometric functions, the solution of right and oblique triangles, trigonometric identities, trigonometric equations, graphs of the trigonometric functions, inverse trigonometric functions. *Prerequisite*: A satisfactory grade on the placement examination.

Mathematics Staff

Math 103—Freshman Mathematics—5 cr. (5 and 0)

A six weeks' study of elementary algebra up to and including quadratic equations followed by twelve weeks of plane trigonometry. *Prerequisite*: A satisfactory grade on the placement examination.

Mathematics Staff

MATH 104—FRESHMAN MATHEMATICS—5 cr. (5 and 0)

Six weeks of algebra including systems of quadratic equations, progressions, the binomial theorem, complex numbers, determinants, partial fractions, followed by twelve weeks of analytic geometry including the straight line, the conics, transformation of coordinates, equations and their loci. *Prerequisite*: Math 103

MATHEMATICS STAFF

MATH 201—DIFFERENTIAL CALCULUS—3 cr. (3 and 0)

A short course in the differentiation of algebraic and transcendental functions, maxima and minima, curve tracing. *Prerequisite*: Math 104

MR. EDWARDS

MATH 202—INTEGRAL CALCULUS—3 cr. (3 and 0)

A short course in the integration of simple functions, the definite integral, areas, volumes, lengths of lines. *Prerequisite*: Math 201

MR. BELL

MATH 203—DIFFERENTIAL CALCULUS—5 cr. (5 and 0)

A study of differentiation and its application to maxima and minima problems, curve tracing, curvature, rates, differentials. *Prerequisite*: Math 104

MATHEMATICS STAFF

MATH 204—INTEGRAL CALCULUS—5 cr. (5 and 0)

A study of integration and its application to areas, volumes, lengths of curves, multiple integration, engineering problems. *Prerequisite*: Math 203

MATHEMATICS STAFF

MATH 301—ADVANCED ALGEBRA—3 cr. (3 and 0)

An advanced treatment of ratio and proportion, variation, progressions, surds, imaginary quantities, equations, permutations, binomial and multinomial expansions, inequalities. *Prerequisite*: Math 104

MR. STANLEY

MATH 302—ADVANCED ALGEBRA—3 cr. (3 and 0)

A continuation of Math 301 including series, partial fractions, indeterminate equations, theory of numbers, determinants, probability, theory of equations. *Prerequisite*: Math 301

MR. STANLEY

MATH 303—MATHEMATICAL BASIS OF STATISTICS—3 cr. (3 and 0)

A study of ratios, frequencies, averages, indices, dispersion, trends, correlation, curve fitting, and the derivation of some formulas. *Prerequisite*: Math 203 and an elementary course in Statistics

MR. EDWARDS

MATH 304—SPHERICAL TRIGONOMETRY AND SOLID ANALYTIC GEOMETRY —3 cr. (3 and 0)

Development and use of the formulas relating to triangles formed by great circles on a sphere. An introduction to lines, planes, surfaces, transformation of co-ordinates, the general equation of the second degree, and properties of quadrics. *Prerequisite*: Math 103 and Math 104

MR. KIRKWOOD

MATH 305—INTERMEDIATE CALCULUS—3 cr. (3 and 0)

A short review of the theory of differentiation and integration followed by a study of parametric equations, polar equations, curvature, theorem of mean value, reduction formulas, series, expansion of functions, averages, hyperbolic functions, some solid analytic geometry, partial differentiation, multiple integrals. *Prerequisite*: Math 204

MR. LAGRONE MR. BREWSTER

MATH 306—ORDINARY DIFFERENTIAL EQUATIONS—3 cr. (3 and 0)

Differential equations of the first order and first degree, equations of the first order but not of the first degree, linear differential equations, applications to physics and engineering. *Prerequisite*: Math 204

MR. STUART MR. MILLER MR. STANLEY

MATH 401—COLLEGE GEOMETRY—3 cr. (3 and 0)

Theorems and concepts more advanced than those of high-school geometry. Detailed treatment of the various properties of the triangle, including the notable points, lines, and circles associated with it. *Prerequisite*: Math 104

MR. KELLY

MATH 402—THEORY OF EQUATIONS—3 cr. (3 and 0)

Complex numbers, rational integral equations, symmetric functions, determinants, systems of linear equations. *Prerequisite*: Math 104

MR. BROWN

MATH 451—VECTOR ANALYSIS—3 cr. (3 and 0)

A study of the algebra and calculus of vectors in two and three dimensions with applications to physics, geometry and engineering problems. *Prerequisite*: Math 204

MR. ARMSTRONG

MATH 453—ADVANCED CALCULUS—3 cr. (3 and 0)

A more extensive study of the differential and integral calculus than is given in the intermediate course with emphasis on applications and an introduction to theoretical questions. Topics include: power series, partial differentiation, implicit functions, the definite integral. *Prerequisite*: Math 204 and Math 305

MR. COKER

MATH 454—ADVANCED CALCULUS—3 cr. (3 and 0)

A continuation of Math 453. Topics include: Gamma and Beta functions; line, surface, and space integrals; Bessel functions; partial differential equations; calculus of variations; introduction to functions of a complex variable. *Prerequisite*: Math 453

MR. COKER

MECHANICAL ENGINEERING

	Mr. Fernow	
Mr. Sams	Mr. Mills	Mr. McIlwain
Mr. Lewis	Mr. Rathbun	*Mr. Sutton
Mr. Watson	Mr. Carmichael	Mr. Webber
	Mr. Edwards	

M E 211—Mechanical Engineering—2 cr. (2 and 0)

A study of the fundamentals of steam power, boilers, fuels, combustion and auxiliary equipment, gas power, internal combustion engines, auxiliary apparatus and related equipment.

Mr. McIlwain

M E 213—Engineering Problems—1 cr. (0 and 3)

To develop neatness, self-confidence, and an analytical approach to the solution of engineering problems. A review of logarithms; fundamentals of the slide rule and its application to practical engineering problems; an introduction to steam tables with practical problems in steam. *Prerequisite*: Math 103, 104

Mr. McIlwain

M E 302—Mechanical Engineering—3 cr. (3 and 0)

Elements of steam and gas power plants including fuels and combustion, gas and vapor processes and cycles, properties of air and steam, steam and gas engines, turbines, auxiliaries, and refrigeration. *Prerequisite*: Phys 211, 212

Mr. Webber

M E 304—Mechanical Engineering Laboratory—1 cr. (0 and 3)

Study and calibration of weight, pressure, area, and fluid flow measuring devices. Testing of pumps, engines, fans, and compressors. *Prerequisite*: Enrollment in M E 302

Mr. Webber

M E 305—Heat Power—3 cr. (3 and 0)

Elementary thermodynamics including gas laws, energy equations, processes, cycles, gas flow, and combustion together with application to appropriate power plant machinery. *Prerequisite*: Math 203 and 204; Physics 211 and 212.

Mr. Carmichael

*On leave

M E 306—Heat Power—3 cr. (3 and 0)

A continuation of M E 305. Thermodynamics of vapors with application to steam boilers, engines, turbines, power plant cycles, refrigeration and heat transfer problems. *Prerequisite*: M E 305

Mr. Rathbun

M E 308—Heat Power Laboratory—1 cr. (0 and 3)

The study and calibration of weight, pressure, area, and fluid flow measuring devices; flue gas analysis, power plant piping, lifting devices, centrifugal pump, and heat transfer. *Prerequisite*: M E 305 and enrollment in M E 306

Mr. Rathbun Mr. Edwards

M E 311—Heat Power—3 cr. (3 and 0)

Elementary thermodynamics including gas laws, energy equations, processes, cycles, gas flow, and combustion together with application to appropriate power plant machinery. This course is similar to M E 305 but with more time devoted to problems since prerequisites, M E 211 and 213, make possible longer assignments. *Prerequisite*: Math 203 and 204; Physics 211 and 212; M E 211 and 213

Mr. Lewis

M E 312—Heat Power—3 cr. (3 and 0)

Elementary thermodynamics including gas laws, energy equations, processes, cycles, gas flow, and combustion together with application to appropriate power plant machinery. This course is similar to M E 305 but with more time devoted to problems since prerequisites, M E 211 and 213, make possible longer assignments. *Prerequisite*: M E 311

Mr. Mills

M E 313—Heat Power Laboratory—1 cr. (0 and 3)

Study and calibration of weight, pressure, area, and fluid flow measuring devices, flue gas, and liquid fuel analysis, triplex pump, powerhouse piping and auxiliaries, friction test on steam engine and internal combustion engine. *Prerequisite*: Enrollment in M E 311

Mr. Rathbun

M E 314—Heat Power Laboratory—1 cr. (0 and 3)

Practical work in connection with coal analysis, tests of lifting devices, ram, injector, centrifugal pump, calorimeters, and study of water plant. *Prerequisite*: M E 313

Mr. Carmichael

M E 407—Mechanical Laboratory—1 cr. (0 and 3)

A study of the performance tests of steam turbines, blowers, Diesel engines, unaflow engines, air compressors and hydraulic turbines. *Prerequisite*: M E 306, 308

Mechanical Engineering Staff

M E 411—Heat Power—3 cr. (3 and 0)

Organization of steam, Diesel and hydro power plants with reference to the design and performance characteristics of the individual pieces of apparatus involved, variable load, costs, and economics. Buildings and foundations are briefly covered. *Prerequisite*: M E 312

Mr. Fernow

M E 412—Heat Power—3 cr. (3 and 0)

A continuation of M E 411, stressing the design, arrangement and economic justification of the boilers, prime movers, condensers, fuel handling equipment, stokers, pulverized fuel equipment, combustion, refuse handling equipment, fans, chimneys, water treatment, water heaters and deaerators, pumps, feed water regulation and the piping system design and layout. *Prerequisite*: M E 411

Mr. Sams

M E 413—Heat Power Laboratory—2 cr. (0 and 6)

A practical application of the theory covered in M E 411. Performance tests of steam turbines, blowers, pumps, boilers, refrigeration plants, and hydraulic turbines are studied. *Prerequisite*: M E 314 and enrollment in M E 411

Mr. Mills Mr. Webber

M E 414—Heat Power Laboratory—2 cr. (0 and 6)

A continuation of M E 413, including performance tests on spark ignition and compression ignition internal combustion engines, unaflow steam engine, air compressors, boiler feed pump and heater and lubricating oils.

Mr. Lewis Mr. Edwards

M E 417—Design—2 cr. (1 and 3)

The solution of a variety of engineering problems under guidance to familiarize the student with the kind of work he may be called on to do after his first induction into industry. Completeness and orderly and logical work are stressed. *Prerequisite*: Enrollment in M E 411

Mr. Mills

M E 418—Design—2 cr. (1 and 3)

A continuation of M E 417. *Prerequisite*: Enrollment in M E 412

Mr. Fernow

M E 420—Administration—3 cr. (3 and 0)

Instruction in the principles of organizing, financing, and incorporating business enterprises; organization of the manufacturing establishment; buying and selling; contracts, accounting; management problems. *Prerequisite*: Senior standing

Mr. Sams

M E 421—Gas Engines—3 cr. (3 and 0)

Theoretical and actual cycles, performance characteristics, fuels, combustion, cooling, dynamics, ignition and injection of the two and four stroke cycle spark ignition and compression ignition engine. *Prerequisite*: M E 311 and 312

Mr. Lewis

M E 423—Gas Engine Design—1 cr. (0 and 3)

Limits and requirements in the design of both air cooled and liquid cooled spark ignition and compression ignition engines, the principle of similitude, detail design and sketching of the engine parts and an assembly drawing of an engine. *Prerequisite*: D D 306, M E 311 and 312

Mr. Lewis

M E 426—Steam Turbines—3 cr. (3 and 0)

Structural features, performance, and design of all types of steam turbines. *Prerequisite*: M E 312

Mr. Fernow

M E 428—Turbine Design—1 cr. (0 and 3)

Complete design of nozzle and blade elements of impulse and reaction steam turbines. *Prerequisite*: Enrollment in M E 426

Mr. Fernow

M E 429—Heating and Ventilation—2 cr. (2 and 0)

A study of the principles of heating and ventilation with emphasis on the following topics: factors affecting human comfort, the theory of heat transfer and the calculation of heat transmission coefficients, heat losses from buildings, heating load, fuels and combustion, heat disseminators, heating boilers and their accessories and auxiliaries, steam heating, and hot water heating systems. *Prerequisite*: M E 305 or M E 311

Mr. Watson

M E 430—Air Conditioning—2 cr. (2 and 0)

A study of the principles of air conditioning embodied in air distribution and air cleaning, humidification and dehumidification, warm air heating systems, cooling systems, automatic control apparatus, unit heaters, and unit air conditioners. *Prerequisite*: M E 312 or M E 306

Mr Watson

M E 431—Heating and Ventilation Design—1 cr. (0 and 3)

To offer practical application of the theory covered in M E 429 in the design of heating and ventilation systems for specific conditions. *Prerequisite*: Enrollment in M E 429

Mr. Watson

M E 432—Air Conditioning Design—1 cr. (0 and 3)

To provide practical application of the theory covered in M E 430 in the design of air conditioning systems. *Prerequisite*: Enrollment in M E 430

Mr. Watson

M E 433—Elementary Aerodynamics—2 cr. (2 and 0)

Physical properties of air, effects of deflecting air streams, air flow, airfoils, drag, power plants, propellers, control surfaces and stability; performance at sea level and at altitude. Calculations are made for an airplane to determine its performance at sea level and at altitude, including take off and landing distance, endurance, range and load during turns. *Prerequisite*: Mech 304

Mr. Mills

M E 434—Refrigeration—2 cr. (2 and 0)

Underlying thermodynamics of refrigeration and design and operating characteristics of compression and absorption systems. Ice making and cold storage. *Prerequisite*: M E 312

Mr. Fernow

MECHANICS AND HYDRAULICS

Mr. Curtis

Mr. Humphreys — Mr. Robinson — Mr. Harley

Mr. Moorman — Mr. Byars — Mr. Singletary

Mech 302—Mechanics (Statics)—3 cr. (3 and 0)

An elementary technical study of force systems and their action on rigid bodies at rest, devoted to development of facility in free body analysis. Topics also considered are center of gravity, moment of inertia of areas, and friction. *Prerequisite*: Math 204, Phys 211

Mechanics and Hydraulics Staff

Mech 303—Mechanics (Kinetics)—3 cr. (3 and 0)

A continuation of Mech 302. Analytical kinematics and the effects of forces in producing motion of rigid bodies are major considerations. Among the principal topics, whose engineering applications are developed, are: Second Law of Motion for translation and rotation; work, energy, and power; impulse and momentum. *Prerequisite*: Mech 302

Mechanics and Hydraulics Staff

MECH 304—MECHANICS OF MATERIALS—3 cr. (3 and 0)

To acquaint students with certain physical constants and stresses in structural members and machine parts, and to illustrate rational derivation of formulas for internal stresses. Among topics covered are: Deformation and stress; torsion; riveted joints; flexure and deformation of beams; combined stresses in short blocks; columns. *Prerequisite*: Mech 302

MECHANICS AND HYDRAULICS STAFF

MECH 305—MECHANICS OF MATERIALS LABORATORY—1 cr. (0 and 3)

A laboratory course planned for students in certain branches designed to illustrate points and principles considered in Mech 304. *Prerequisite*: Must be accompanied, or preceded by Mech 304

MECHANICS AND HYDRAULICS STAFF

MECH 306—GRAPHIC STATICS—1 cr. (0 and 3)

Graphical analysis of force systems and of stresses in statically determinate frames. Given for students in certain branches. *Prerequisite*: Must be accompanied, or preceded by Mech 302

MECHANICS AND HYDRAULICS STAFF

MECH 401—FLUID MECHANICS—3 cr. (3 and 0)

A study of the forces on fluids at rest and in motion together with consideration of various flow measurement devices and of power developing and using units. Among the items considered are: Hydrostatic pressure and devices for measuring it; hydraulic similitude; measurements of flow by orifices, weirs, and various meters; flow in pipes; open channels; turbines and pumps. *Prerequisite*: Mech 303 (for Civil Engineering Majors, Mech 302)

MR. CURTIS MR. HUMPHREYS MR. MOORMAN

MECH 403—FLUID MECHANICS LABORATORY—1 cr. (0 and 3)

A laboratory course for students in certain branches to illustrate the principles of Mech 401. Also special exercises are given in stream gaging, drainage area study, runoff, and rainfall. *Prerequisite*: Must be accompanied, or preceded by Mech 401

MECHANICS AND HYDRAULICS STAFF

MECH 460—HYDROLOGY—3 cr. (3 and 0)

A study of the principles concerning the occurrence of water in nature and the practice of engineering in dealing with it in connection with design of water supplies and structures. *Prerequisite*: Mech 401 and 403; approval by instructor.

MR. CURTIS MR. MOORMAN

MECH 462—WATER POWER ENGINEERING—3 cr. (3 and 0)

Principles and practice involved in the investigation and planning of hydraulic power developments and the selection of hydraulic machinery. *Prerequisite*: Mech 460, or special approval by instructor.

MR. CURTIS MR. SAMS MR. MOORMAN

MILITARY SCIENCE

COL. THACKSTON

LT. COL. CROSBY
LT. COL. SMITH
LT. COL. WATSON
MAJ. BYERTS
MAJ. DAVIS
MAJ. FOSTER
MAJ. HALL
CAPT. ANDERSON
CAPT. BYNUM
CAPT. COAKLEY
CAPT. GRAMLING
CAPT. HUENERS
CAPT. NAUCK
CAPT. SMITH

M/SGT. ANDERSON
M/SGT. DAVIS
M/SGT. FORTNER
M/SGT. GELINA
M/SGT RIMMER
M/SGT. STROUD
1ST/SGT. GRUNEWALD
1ST/SGT. JACKSON
1ST/SGT. MEDLOCK
1ST/SGT RUSSEY
1ST/SGT ZORENS
T/SGT. COX
T/SGT. DAVIS
T/SGT. DEJANOVICH

T/SGT. FRIAS
T/SGT. HESSELL
T/SGT. HUTSON
S/SGT. CARTER
SGT. MARLOW
SGT. SCOVIL
SGT. ZELMER
T/4 JAMES

M S 101—MILITARY DRILL—0 cr. (0 and 3)

Training in customs, discipline, and leadership to prepare and develop cadets for duties as junior noncommissioned officers. Principal topics are principles of discipline; customs of the Army; wearing of the uniform; conduct of noncommissioned officers; purpose of drill; drill of the soldier with and without arms; squad and platoon drill; parades, reviews, inspections, and other ceremonies.

MILITARY STAFF

M S 102—MILITARY DRILL—0 cr. (0 and 3)

A continuation of M S 101.

MILITARY STAFF

M S 103—Military Science and Tactics (Elementary)—1 cr. (2 and 0)

Training to instill discipline and habitual obedience to orders, to develop qualities of leadership and good citizenship, and to provide basic military instruction. Principal topics are military organization, National Defense Act and the ROTC, and weapons and marksmanship.

Lt. Col. Crosby Major Foster Captain Coakley
Major Byerts Captain Bynum Captain Hueners

M S 104—Military Science and Tactics (Elementary)—1 cr. (2 and 0)

A continuation of M S 103. Principal topics are leadership, organization, hygiene and first aid, and maps and aerial photographs. *Prerequisite*: M S 103

Lt. Col. Crosby Major Foster Captain Coakley
Major Byerts Captain Bynum Captain Hueners

M S 201—Military Drill—0 cr. (0 and 3)

Continued training in customs, discipline, and leadership to prepare and develop cadets for duties as senior noncommissioned officers and for integration into the Advanced ROTC. Principal topics are principles of discipline; military courtesy; customs of the Army; drill of the soldier, with and without arms; squad and platoon drill; voice commands; parades, reviews, inspections, and other ceremonies.

Military Staff

M S 202—Military Drill—0 cr. (0 and 3)

A continuation of M S 201.

Military Staff

M S 203—Military Science and Tactics (Elementary)—1 cr. (2 and 0)

Continued training to instill discipline and habitual obedience to orders, and to provide further instruction in basic military subjects prerequisite to the specialized training of the advanced course. Principal topics are organization, military law and boards, and maps and aerial photographs. *Prerequisite*: M S 104

Major Davis Captain Anderson Captain Nauck

M S 204—Military Science and Tactics (Elementary)—1 cr. (2 and 0)

A continuation of M S 203. Principal topics are physical development methods, evolution of warfare, and military administration. *Prerequisite*: M S 203

Major Davis Captain Anderson Captain Nauck

M S 301—Military Drill—0 cr. (0 and 3)

Training for duty as officers by application of principles of leadership in actual command during drills, parades, reviews, inspection, and ceremonies.

Military Staff

M S 302—Military Drill—0 cr. (0 and 3)

A continuation of M S 301.

Military Staff

M S 303—Military Science and Tactics (Infantry)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques employed by the Infantry. Principal topics are military leadership, psychology and personnel management, military law and boards, and tactics and techniques as applies to small infantry units. *Prerequisite*: M S 204

Captain Smith

M S 304—Military Science and Tactics (Infantry)—3 cr. (4 and 0)

A continuation of M S 303. Principal topics are leadership, troop movements, and continued training in tactics and techniques as applies to small infantry units. *Prerequisite*: M S 303.

Captain Smith

M S 305—Military Science and Tactics (Quartermaster)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques

utilized by the Quartermaster Corps. Principal topics are military leadership, psychology and personnel management, military law and boards, and tactics and techniques as applies to the Quartermaster Corps Units. *Prerequisite*: M S 204

MAJOR HALL

M S 306—MILITARY SCIENCE AND TACTICS (QUARTERMASTER)—3 cr. (4 and 0)

A continuation of M S 305. Principal topics are organization supply, station and depot supply, and continued training in tactics and techniques as applies to Quartermaster Corps Units. *Prerequisite*: M S 305

MAJOR HALL

M S 307—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques utilized by the Signal Corps. Principal topics are military leadership, psychology and personnel management, military law and boards, and tactics and techniques as applies to Signal Corps Units. *Prerequisite*: M S 204

MAJOR DAVIS CAPTAIN NAUCK

M S 308—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—3 cr. (4 and 0)

A continuation of M S 307. Principal topics are radio, and wire communications, and continued training in tactics and techniques as applies to Signal Corps Units. *Prerequisite*: M S 307

MAJOR DAVIS CAPTAIN NAUCK

M S 309—AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in general subjects applicable to the Air Force and Army and in subjects applicable to the Air Force only. Principal topics are military leadership; psychology and personnel management; military law and boards; history of the Air Force; organization of the Air Force; administration and personnel management; Air Force training; Air Force inspection systems; Air Force statistical control methods; Air Force supply and navigation. *Prerequisite*: M S 204

MAJOR BYERTS CAPTAIN HUENERS

M S 310—Air Science and Tactics—3 cr. (4 and 0)

A continuation of M S 309. Principal topics are air intelligence and combat orders, transportation, aeronautics, communications, guided missiles, meteorology, and air operations. *Prerequisite*: M S 309

Major Byerts Captain Hueners

M S 315—Military Science and Tactics (Armored Cavalry)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques employed by the Armored Cavalry. Principal topics are military leadership; psychology and personnel management; military law and boards; and tactics and techniques as applies to small Armored Cavalry Units to include organization, communications, and motors and transportation. *Prerequisite:* M S 204

Captain Gramling

M S 316—Military Science and Tactics (Armored Cavalry)—3 cr. (4 and 0)

A continuation of M S 315. Principal topics are geographical foundations of national power, and tactics and techniques as applies to small Armored Cavalry Units to include tank driving and gunnery. *Prerequisite*: M S 315

Captain Gramling

M S 317—Military Science and Tactics (Corps of Engineers) —3cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques employed by the Corps of Engineers. Principal topics are military leadership; psychology and personnel management; military law and boards; organization of Engineer units; Engineer combat principles; organization of the ground and field fortifications; the place of the engineers in the military team. *Prerequisite*: M S 204

Major Foster

M S 318—Military Science and Tactics (Corps of Engineers) —3 cr. (4 and 0)

A continuation of M S 317. Principal topics are military sketching;

military roads, bridge design and classification; camouflage; Engineer reconnaissance; explosives and demolition; job management. *Prerequisite*: M S 317

MAJOR FOSTER

M S 319—MILITARY SCIENCE AND TACTICS (ORDNANCE DEPARTMENT) —3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects pertaining to the Army as a whole, together with tactics and techniques utilized by the Ordnance Department. Principal topics are military leadership, psychology and personnel management, military law and boards, organization of the Ordnance Department, maintenance, supply procedures, and ammunition materiel and supply. *Prerequisite*: M S 204

CAPTAIN BYNUM

M S 320—MILITARY SCIENCE AND TACTICS (ORDNANCE DEPARTMENT) —3 cr. (4 and 0)

A continuation of M S 319. Principal topics are ordnance materiel to include automotive, artillery, small arms and fire control. *Prerequisite*: M S 319

CAPTAIN BYNUM

M S 401—MILITARY DRILL—0 cr. (0 and 3)

Continued training of officers by application of instruction, methods, and principles of leadership in positions of command during drills, parades, reviews, inspections, and ceremonies.

MILITARY STAFF

M S 402—MILITARY DRILL—0 cr. (0 and 3)

A continuation of M S 401.

MILITARY STAFF

M S 403—MILITARY SCIENCE AND TACTICS (INFANTRY)—3 cr. (4 and 0)

Theoretical and practical instruction in command, leadership, combat principles, and development of initiative and responsibility for qualification as junior officers of the Infantry Arm. Principal topics are military teaching methods, geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques of Infantry to include crew-served weapons. *Prerequisite*: M S 304

LT. COL. WATSON

M S 404—Military Science and Tactics (Infantry)—3 cr. (4 and 0)

A continuation of M S 403. Principal topics are command and staff functions, psychological warfare, troop movements, combat intelligence and continued training in the tactics and techniques on the Infantry to include new developments of clothing, equipment, and employment of the Infantry. *Prerequisite*: M S 403

Lt. Col. Watson

M S 405—Military Science and Tactics (Quartermaster)—3 cr. (4 and 0)

Theoretical and practical instruction in command, leadership, combat principles, and development of initiative and responsibility for qualification as junior officers of the Quartermaster Corps. Principal topics are military teaching methods, geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques employed by the Quartermaster Corps in execution of their assigned mission. *Prerequisite*: M S 306

Major Hall

M S 406—Military Science and Tactics (Quartermaster)—3 cr. (4 and 0)

A continuation of M S 405. Principal topics are command and staff functions, psychological warfare, procurement, supply handling, and continued training in the tactics and techniques peculiar to the Quartermaster Corps. *Prerequisite*: M S 405

Major Hall

M S 407—Military Science and Tactics (Signal Corps)—3 cr. (4 and 0)

Theoretical and practical instruction in command, radio and wire communications, leadership, combat principles, and development of initiative and responsibility for qualification as junior officers of the Signal Corps. Principal topics are geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques of the Signal Corps in the execution of their assigned mission. *Prerequisite*: M S 308

Major Davis Captain Nauck

M S 408—Military Science and Tactics (Signal Corps)—3 cr. (4 and 0)

A continuation of M S 407. Principal topics are command and staff functions, psychological warfare, signal supply, signal communications, and

continued training in tactics and techniques employed by the Signal Corps. *Prerequisite*: M S 407

MAJOR DAVIS CAPTAIN NAUCK

M S 409—AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

Theoretical and practical training in Air Force Maintenance Engineering. Principal topics are military teaching methods, psychological warfare, command and staff, military mobilization and demobilization, the aircraft maintenance officer, technical publications, flight line maintenance, inspection and maintenance procedures, and crew chief systems. *Prerequisite*: M S 310

MAJOR BYERTS

M S 410 AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

A continuation of M S 409. Principal topics are combat intelligence, specialized maintenance, supervisor of maintenance, base shops, maintenance control, flight test, technical supply, evaluation and testing and the duties of the air inspector. *Prerequisite*: M S 409.

MAJOR BYERTS

M S 411—AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

Theoretical and practical training in Air Force Transportation. Principal topics are military teaching methods, command and staff, psychological warfare, military mobilization and demobilization, transportation organization, military motor transportation, air transportation, water transportation, and operation of government owned railroad equipment. *Prerequisite*: M S 310

CAPTAIN HUENERS

M S 412—AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

A continuation of M S 411. Principal topics are combat intelligence and commercial transportation. *Prerequisite*: M S 411

CAPTAIN HUENERS

M S 415—MILITARY SCIENCE AND TACTICS (ARMORED CAVALRY)—3 cr. (4 and 0)

Theoretical and practical instruction in command and leadership, combat principles, and development of initiative and responsibility for qualification as junior officers of the Armored Cavalry Arm. Principal topics are military teaching methods, command and staff, psychological warfare, military mobilization and demobilization, and continued training in the tactics and techniques of Armored Cavalry to include new developments, supply, and maintenance. *Prerequisite*: M S 315

LT. COL. SMITH

M S 416—Military Science and Tactics (Armored Cavalry)—3 cr. (4 and 0)

A continuation of M S 415. Principal topics are combat intelligence and continued training in tactics and techniques of Armored Cavalry. *Prerequisite*: M S 415

Lt. Col. Smith

M S 417—Military Science and Tactics (Corps of Engineers) —3 cr. (4 and 0)

Theoretical and practical instruction in command, leadership, combat principles, tactics and techniques employed by the Corps of Engineers, and development of initiative and responsibility for qualification as junior officers in the Corps of Engineers. Principal topics are command and staff, military teaching methods, engineer combat principles, engineer estimates and orders, engineer supply, airborne and amphibious operations. *Prerequisite*: M S 318

Major Foster

M S 418—Military Science and Tactics (Corps of Engineers) —3 cr. (4 and 0)

A continuation of M S 417. Principal topics are construction and utilities, engineer reconnaissance, engineer signal communication, river crossing operations, and water supply. *Prerequisite*: M S 417

Major Foster

M S 419—Military Science and Tactics (Ordnance Department) —3 cr. (4 and 0)

Theoretical and practical instruction in command, leadership, combat principles, and development of initiative and responsibility for qualifications as junior officers of the Ordnance Department. Principal topics are command and staff functions; military teaching methods; leadership; drill and exercise of command and training in the tactics and techniques of Ordnance to include maintenance and supply procedures; ammunition materiel and supply; automotive, artillery, and fire control material. *Prerequisite*: M S 320

Captain Bynum

M S 420—Military Science and Tactics (Ordnance Department) —3 cr. (4 and 0)

A continuation of M S 419. Principal topics are small arms materiel and a thirty-nine hour course of Materiel Speciality Inspection. *Prerequisite*: M S 419

Captain Bynum

MUSIC

Mr. McGarity

Music 402—Music Appreciation—3 cr. (3 and 0)

This course is a comprehensive study of the history of music and factors leading toward the understanding of better music. Records and piano renditions of representative literature of outstanding composers will be offered. This course is required for all students in Education, Vocational Agricultural Education, and Industrial Education.

Mr. McGarity

PHYSICS

Mr. Huff

Mr. Lindsey	Mr. Shackleford	Mr. Martin
Mr. Menius	Mr. Wood	Mr. Turner
Mr. Reed	Mr. Mitchell	Mr. Watkins
	°Mr. Clark	

Phys 201—General Physics—3 cr. (3 and 0)

A study of mechanics and heat including the laws of motion, equilibrium, machines, mechanical and thermal properties of solids, liquids, and gases, thermometry and heat transfer. *Prerequisite:* Registration in Phys 203

Physics Staff

Phys 202—General Physics—3 cr. (3 and 0)

A continuation of the previous course covering wave motion, sound, geometrical optics, light waves and spectra, magnetism, static and current electricity, circuits, and electrical machines. *Prerequisites:* Phys 201; registration in Phys 204

Physics Staff

Phys 203—General Physics Laboratory—1 cr. (0 and 3)

Experiments testing the laws studied in Phys 201, giving experience in measuring the physical properties of matter and practice in the use

°On leave

of precision instruments and the treatment of observed data. *Prerequisite*: Registration in Phys 201

PHYSICS STAFF

PHYS 204—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

Experiments with sound waves, lenses, refraction and diffraction of light, magnetic fields, electrical circuits, measurements with electrical instruments. *Prerequisite*: Registration in Phys 202

PHYSICS STAFF

PHYS 211—GENERAL PHYSICS—4 cr. (4 and 0)

This course covers the same topics as Phys 201 but with more emphasis on the solution of problems and applications to engineering. *Prerequisites*: Math 103 and 104; registration in Phys 213

PHYSICS STAFF

PHYS 212—GENERAL PHYSICS—4 cr. (4 and 0)

A continuation of Phys 211 covering the same topics as Phys 202 with emphasis on application to engineering problems. *Prerequisites*: Math 103 and 104; registration in Phys 214

PHYSICS STAFF

PHYS 213—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

The same topics are covered as in Phys 203 but more precise apparatus is provided and more advanced experiments are performed. *Prerequisite*: Registration in Phys 211

PHYSICS STAFF

PHYS 214—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

A continuation of Phys 213 with emphasis on the accurate measurement of electrical quantities and the properties of light. *Prerequisite*: Registration in Phys 212

PHYSICS STAFF

PHYS 301—INTRODUCTION TO MODERN PHYSICS—3 cr. (3 and 0)

A continuation of the General Physics course to cover the important experiments of the current century, including the measurement of the properties of electrons, and other particles, and an introduction to the theories based on these experiments. *Prerequisites*: Phys 201 and 202 or 211 and 212. Math 203 and 204

MR. HUFF

PHYS 303—EXPERIMENTS IN MODERN PHYSICS—1 cr. (0 and 3)

Measurements of the charge and mass of the electron, studies of thermo- and photo-electric effects, measurements with radioactive materials and with X-rays. *Prerequisite*: Registration in Phys 301

MR. HUFF

PHYS 304—DESCRIPTIVE ASTRONOMY—3 cr. (3 and 0)

A survey of the properties of the planets and their satellites, their actual and apparent motions, the properties of stars and nebulae, and introduction of the determination of latitude and longitude.

MR. HUFF

PHYS 308—SOUND AND ACOUSTICS—3 cr. (3 and 0)

A study of the production, propagation, properties and measurement of sound waves with emphasis on the acoustics of buildings. *Prerequisites*: Phys 201 and 202 or 211 and 212; registration in Math 201 or 203

MR. WOOD

PHYS 312—HEAT AND KINETIC THEORY—3 cr. (3 and 0)

Instruction in thermometry, calorimetry, change of state, kinetic theory of gases and elements of thermodynamics with emphasis on chemical applications. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. MENIUS

PHYS 314—EXPERIMENTAL HEAT—2 cr. (0 and 6)

Practical instruction in the measurement of high and low temperatures, thermal properties of solids, liquids, and gases; heats of combustion, heat conduction and radiation. *Prerequisite*: Registration in Phys 312

MR. MENIUS

PHYS 321—MECHANICS AND PROPERTIES OF MATTER—3 cr. (3 and 0)

A study of the motions of particles and of rigid bodies, gyroscopes, elasticity, surface tension, the flow of fluids, gravitation. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. LINDSEY

PHYS 323—EXPERIMENTAL MECHANICS—2 cr. (0 and 6)

Practice in the precise measurements of length, mass, and time; experiments with pendulums, gyroscopes, and other mechanical apparatus. *Prerequisites*: Registration in Phys 321

MR. LINDSEY

PHYS 332—LIGHT—3 cr. (3 and 0)

Introduction in the formation of images by lenses and mirrors and the design of optical instruments; theory of interference and diffraction of light waves, polarization; applications to spectroscopy and precision measurement. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. HUFF

PHYS 334—EXPERIMENTAL LIGHT—2 cr. (0 and 6)

Measurements of the properties of lens systems and the defects of the images produced, the effects of slits on light waves, measurements with a spectrograph, use of the interferometer, polarimetry. *Prerequisites*: Registration in Phys 332

MR. HUFF

PHYS 341—MAGNETISM AND ELECTRICITY—3 cr. (3 and 0)

A study of the magnetic and electrical properties of materials, electrical circuits, properties of electromagnetic fields, electromagnetic waves. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. LINDSEY

PHYS 343—EXPERIMENTAL ELECTRICITY—2 cr. (0 and 6)

Measurements with precision electrical instruments including bridges and potentiometers; low and high frequency circuits; standing waves on wires. *Prerequisite*: Registration in Phys 341

MR. LINDSEY

PHYS 401—SENIOR THESIS AND SEMINAR—3 cr. (1 and 6)

This course is intended to give the student a general knowledge of current trends in physics as well as a more detailed review of the historical papers in the field. The Senior Thesis is a semi-original piece of work under the direction of the physics staff. The work in general is done in one of the following fields: X-ray, electron microscopy, ultra-violet spectroscopy, and electronics. *Prerequisite*: At least three physics courses beyond General Physics

PHYS 452—ATOMIC AND NUCLEAR PHYSICS—3 cr. (3 and 0)

Elementary development in quantum theory; applications to electron arrangements in atoms, molecular beams, atomic and molecular spectra; considerations of nuclear structure, fission and atomic energies. *Prerequisite*: Phys 301, completion of two of the courses Phys 312, 321, 332, 341

MR. MENIUS

PHYS 464—INTRODUCTION TO MATHEMATICAL PHYSICS—3 cr. (3 and 0)

A study of the mathematical disciplines common to various branches of physics with emphasis on the mathematical similarity of the treatment of apparently unrelated problems in classical physics. *Prerequisite*: Phys 301, completion of two of the courses Phys 312, 321, 332 and 341

MR. MENIUS

PHYS 471—INTRODUCTION TO QUANTUM MECHANICS—3 cr. (3 and 0)

An introductory course formulating the mathematical and physical ideas associated with wave mechanics. Solutions of simple physical systems including the hydrogen atom are discussed. *Prerequisite*: Phys 301; Math 306

POULTRY HUSBANDRY

MR. MORGAN MR. COOPER

P H 301—FARM AND COMMERCIAL POULTRY PRODUCTION—4 cr. (3 and 3)

A study of the nature and uses of poultry products, scope of the industry and agencies involved, classification of poultry, structure of the fowl, fundamentals of flock improvement, incubation, brooding, feeding, housing, disease control and sanitation, and the economic aspects of poultry production as a farm enterprise and a commercial business.

MR. MORGAN

P H 451—POULTRY BREEDING—3 cr. (2 and 3)

A study of poultry improvement through culling and selection for meat and egg production and standard breed and variety characteristics, and the application of genetics to the problems of poultry breeding. *Prerequisite*: P H 301 and Dairy 301 or Agron 302

MR. MORGAN

P H 452—Poultry Feeding and Flock Management—3 cr. (2 and 3)

A study of the nutritive requirements of poultry, dietary deficiencies and curative factors, the compounding of rations for growing, laying and breeding flocks of chickens and turkeys, the value of various feedstuffs and management practices with chickens and turkeys for maximum economic returns. *Prerequisite*: A H 301, P H 301

Mr. Morgan

P H 455—Poultry Grading and Processing—3 cr. (2 and 3)

A study of the classes, grades and judging of market poultry and poultry products, and the preparation, packaging, processing, storage and freezing preservation of eggs and poultry for market. *Prerequisite*: P H 301

Mr. Cooper

P H 456—Incubation and Brooding—3 cr. (2 and 3)

A study of the principles and practices of incubation and brooding of the various species of poultry, hatchery management and commercial broiler production. *Prerequisite*: P H 301

Mr. Cooper

P H 459—Poultry Diseases and Parasites—3 cr. (2 and 3)

A study of the causes, occurrence, symptoms, treatment and prevention of poultry diseases and the identification, life history, symptoms, treatment and prevention of poultry parasites. Sanitary practices on poultry farms and in hatcheries and market establishments, and eradication and control measures for specific diseases and parasites will be considered. *Prerequisites*: P H 301, Bact 301 and V S 401

Mr. Cooper

P H 460—Seminar—2 cr. (2 and 0)

A study and discussion of current research and commercial problems in poultry production and marketing and selected special topics not fully covered in subject matter courses. *Prerequisites*: P H 301 and pursuing major study in Poultry Husbandry

Mr. Morgan and Poultry Staff

PSYCHOLOGY

Mr. Waite

Psych 301—General Psychology—3 cr. (3 and 0)

A survey of the field of psychology: development and adjustment, motivation, emotions, intelligence, personality, the sensory experiences, perception, learning, thinking, imagination, and mental hygiene. *Prerequisite*: Junior standing

Mr. Waite

Psych 302—Social Psychology—3 cr. (3 and 0)

A study of the interaction between the individual and the forces of society: the classical theories, the psychobiological bases of human behavior, the sociocultural bases of behavior, types of human behavior, overt and covert experiences, symbolism, personality, and social interaction. *Prerequisite*: Psych 301

Mr. Waite

RELIGION

Mr. Crouch

Rel 201—Old Testament—3 cr. (3 and 0)

An outline study of the Old Testament with special emphasis on the prophets.

Rel 203—Life of Christ—3 cr. (3 and 0)

A study of the life of Christ beginning with a brief historical background of the world into which Christ came. The purpose of this course is to give a complete chronological picture of the life of Christ.

Rel 305—New Testament Outline—3 cr. (3 and 0)

A study of the background and beginnings of the Christian Movement.

SOCIOLOGY

Mr. Waite *Mr. Burtner Mr. Powers

Soc 301—Introductory Sociology—3 cr. (3 and 0)

A study of the basic principles of sociology: culture, biological factors, the influence of geographical environment, human nature, group life,

* On leave.

crowds, publics, social classes, cooperation, competition, conflict, accommodation, assimilation, human ecology, communities, social institutions, and social change. *Prerequisite*: Junior standing

Sociology Staff

Soc 401—Social Problems—3 cr. (3 and 0)

A survey of the major social problems: Their background, group conflict, race conflict, war, the nature of population problems, social problems of industry, education, religion, disease and public health, poverty, dependency, and factors affecting social adjustment. *Prerequisite*: Soc 301

Soc 402—The Family—3 cr. (3 and 0)

An inquiry into the problems of marriage and family life: the history of the family, the sociology of family life, mate selection, and courtship, husband-wife relationships, parents-child interaction, divorce, and conservation of family values. *Prerequisite*: Senior standing

Mr. Waite

Soc 403—Criminology—3 cr. (3 and 0)

A consideration of the major problems of crime and its treatment: causes of crime, criminal behavior, theories and practices in the treatment of criminals, and prevention of crime. *Prerequisite*: Soc 301

Mr. Waite

SPANISH

Mr. Dean

Span 101—Elementary Spanish—3 cr. (3 and 0)

A course for beginners in which through conversation, composition, and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

Mr. Dean

Span 102—Elementary Spanish—3 cr. (3 and 0)

A continuation of Span 101, in which a reader is also used.

Mr. Dean

SPAN 201—INTERMEDIATE SPANISH—3 cr. (3 and 0)

A short review of grammar with conversation, composition, and dictation continued from Span 102 and the beginning of more serious reading of Spanish prose in short stories or novels.

MR. DEAN

SPAN 202—INTERMEDIATE SPANISH—3 cr. (3 and 0)

While attention is paid to writing and speaking Spanish, more stress is laid on the rapid reading of more difficult Spanish prose than in the earlier courses.

MR. DEAN

SPAN 301—ADVANCED SPANISH—2 cr. (2 and 0)

Rapid reading of difficult literary or scientific Spanish prose.

MR. DEAN

SPAN 302—ADVANCED SPANISH—2 cr. (2 and 0)

A continuation of Span 301, with selections being made to suit the needs of the students.

MR. DEAN

TEXTILE CHEMISTRY AND DYEING

MR. LINDSAY
MR. HEYN MR. LANGSTON MR. CZARNITZKI

T C 301—TEXTILE CHEMISTRY—2 cr. (2 and 0)

An introductory course for Textile Manufacturing students covering chiefly the structure and behavior of the less complex organic chemicals employed in the textile industry up to and including the simpler carbohydrates. *Prerequisite*: Chem 102

MR. LANGSTON MR. CZARNITZKI

T C 302—TEXTILE CHEMISTRY—2 cr. (2 and 0)

A continuation of T C 301 and 303 covering more complex compounds; starches, cellulose, proteins, dyestuffs, and synthetic fibers and

resins. Much of the laboratory work is devoted to the analysis of such materials as sizes, finishes and fabrics composed of various fiber mixtures. *Prerequisite*: Chem 102

MR. LANGSTON MR. CZARNITZKI

T C 303—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 301.

MR. LANGSTON MR. CZARNITZKI

T C 304—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 302.

MR. LANGSTON MR. CZARNITZKI

T C 305—TEXTILE CHEMISTRY—4 cr. (4 and 0)

A comprehensive course for Textile Chemistry majors covering aliphatic organic compounds with major emphasis on products essential to the textile industry. *Prerequisite*: Chem 104

MR. LANGSTON

T C 306—TEXTILE CHEMISTRY—4 cr. (4 and 0)

A continuation of T C 305 and 307 covering the aromatic compounds with particular attention to the chemistry of dyes and dye intermediates. *Prerequisite*: Chem 104

MR. LANGSTON

T C 307—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 305.

MR. LANGSTON

T C 308—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 306.

MR. LANGSTON

T C 401—The Chemical Processing of Textile Materials—2 cr. (2 and 0)

A general study of the theory and practice involved in the chemical preparation of all types of fibers for textile use from the raw state through to the finished fabric. Such processes as scouring, bleaching, mercerizing, and the less complex dyeing procedures are covered. *Prerequisite*: T C 302 and 304

Mr. Lindsay Mr. Langston Mr. Czarnitzki

T C 402—The Chemical Processing of Textile Materials—2 cr. (2 and 0)

A continuation of T C 402 and 404 covering the more advanced dyeing procedures with general coverage of textile printing as well as the many processes involved in textile finishing such as shrink-proofing, flame-proofing, crease resistance, and water repellancy. *Prerequisite*: T C 302 and 304

Mr. Lindsay Mr. Czarnitzki

T C 403—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 401.

Mr. Lindsay Mr. Czarnitzki

T C 404—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 402.

Mr. Lindsay Mr. Czarnitzki

T C 405—Chemical Textile Analysis—2 cr. (1 and 3)

The technical analysis of materials used in the textile industry, including yarns and fabrics, water, sizes, oils and finishes, together with hydrogen ion determinations by colorimetric and potentiometric methods. *Prerequisite*: Chem 216, T C 306 and 308

Mr. Czarnitzki

T C 406—Chemical Textile Analysis—2 cr. (1 and 3)

A continuation of T C 405 with emphasis on the standard methods of identification and analysis of dyes and finishes on fabrics, as well as

the methods of testing for color permanency and finish durability. *Prerequisite*: Chem 216, T C 306 and 308

Mr. Czarnitzki

T C 442—Thesis—2 cr. (0 and 6)

An investigation by each Textile Chemistry senior of an assigned problem related to textile processing. A formal written report is required from each student. *Prerequisite*: Senior standing

Mr. Lindsay

T C 447—The Chemical Processing of Textile Materials—4 cr. (4 and 0)

A course for Textile Chemistry majors similar to T C 401 and 403 except that it is more comprehensive with emphasis on the problems involved in the supervision of a textile finishing plant. *Prerequisite*: T C 306 and 308

Mr. Lindsay

T C 449—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 447.

Mr. Lindsay

T C 452—The Chemical Processing of Textile Materials—4 cr. (4 and 0)

A continuation of T C 447 and 449. *Prerequisite*: T C 306 and 308

Mr. Lindsay

T C 454—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 452.

Mr. Lindsay

T C 455—Cellulose Chemistry—3 cr. (3 and 0)

An introductory course covering the constitution and behavior of cellulose and its derivatives. Particular attention is given to the purification of wood and other raw materials used for the preparation of rayon pulps. *Prerequisite*: T C 306 and 308

Mr. Heyn

T C 456—Chemistry of Synthetic Fibers and Finishes—2 cr. (2 and 0)

A study of the chemistry of large molecular substances such as nylon, vinyon, the rayons, and the protein-type synthetics. The varied synthetic resins used for special effects on textiles are covered in detail. *Prerequisite:* T C 306 and 308

Mr. Langston

TEXTILE MANAGEMENT

Mr. Brown

Mr. Eaton	Mr. Campbell	Mr. Graham
Mr. Heyn	Mr. Carson	Mr. Berry

T M 101—Introduction to Textiles—3 cr. (2 and 3)

An introduction to textile manufacturing. Elementary studies of staple fibers, and machinery involved in converting them into yarns and fabrics.

Mr. Eaton Mr. Carson Mr. Berry

T M 401—Textile Costing—5 cr. (3 and 6)

A study in the principles of costing as they apply to the manufacture of textiles. Allocating the cost of material, labor and overhead; determining the costs of individual yarns and fabrics; valuing the inventory; making of cost reports and payroll analysis. *Prerequiste:* Seniors majoring in Textiles

Mr. Campbell

T M 403—Textile Management—3 cr. (3 and 0)

The mill and its equipment; control of labor costs; selection of materials; production controls and the use of budgets.

Mr. Eaton

T M 454—Time Study—3 cr. (2 and 3)

Rating method; job analysis; establishing wage scales; group-piece and premium plans.

Mr. Carson

T M 460—Natural Fibers—2 cr. (2 and 0)

Fundamental properties of textile fibers as studied from the chemical, physical, and botanical side. The microscopic and molecular structure development in the plant, and extraction and preparation from the plant. Survey of plant fibers and fiber plants and more complete discussion of the main natural (plant and animal) fibers. Methods of fiber research. *Prerequisite*: Senior standing

Mr. Heyn

T M 462—Textile Microscopy—2 cr. (1 and 3)

This course is especially planned to enable the student to utilize the microscope for examination and identification of textile fibers and materials used in the textile and related industries. *Principal Topics*: The preparation of the various materials used in the textile industry for microscopic examination. (TEXTILES AND THE MICROSCOPE—Schwarz; T. M. Mimeograph Notes.)

Mr. Heyn

T M 464—Physical Textile Testing—2 cr. (1 and 3)

This course gives the student a comprehensive understanding of all the important machines and techniques used in physical testing of fibers, yarns, and fabrics. The applications of testing in modern textile research are stressed. *Prerequisite*: Senior standing

Mr. Brown

VETERINARY SCIENCE

Mr. Feeley

V S 401—Anatomy and Physiology—3 cr. (2 and 3)

The purpose of the course is to give agricultural students a general knowledge of anatomy and physiology of farm animals. Principal topics studied include physiology of digestion, chemical and physical processes of digestion and absorption, common diseases, farm sanitation, and first aid treatment.

Mr. Feeley

V S 402—Diseases of Animals—3 cr. (2 and 3)

A course designed to give agricultural students instruction in the recognition, causes, and treatment of the diseases of farm animals. The principles of etiology, pathology, diagnosis, symptoms, and treatment of infectious and noninfectious diseases are considered at length.

Mr. Feeley

VOCATIONAL AGRICULTURAL EDUCATION

Mr. White	Mr. Duncan	Mr. Stribling
Mr. Bowen	Mr. Monroe	Mr. Kirkley

V A E 101—Orientation—1 cr. (1 and 0)

This course is planned to aid the freshman in adjusting himself to the college environment and his course of study. The principal topics studied are as follows: how to use the library; how to study effectively; how to improve your personality; new rural industries in South Carolina; how to prepare for teaching vocational agriculture.

Mr. Monroe

V A E 201—Introduction to Agricultural Education—1 cr. (1 and 0)

A course that deals with the development of vocational agriculture in the United States. It includes a study of aims and objectives in vocational agricultural education, organization and administration of state and local programs; and the duties of the agriculture teacher are discussed.

Mr. White

V A E 301—Problems in Teaching Vocational Agriculture—3 cr. (3 and 0)

A study of the aims, purposes and objectives of vocational education in agriculture and the basic principles underlying the development of programs of instruction for the various groups of farm people. Problems concerning Future Farmer work, farm shop, fairs, contests and other activities of the agriculture teacher are considered. The use of community services for teaching and the relation of the agriculture teacher to the school and other agencies are considered in this course.

Mr. Monroe

V A E 302—Educational Psychology—3 cr. (3 and 0)

A study of the nature, capacities and equipment of the learner, the role of the environment, the nature and promotion of learning, the growth and maturity of personality and the evaluation of progress in education.

Mr. Stribling

V A E 401—Methods in Agricultural Education—3 cr. (3 and 0)

In this course, problems in teaching vocational agriculture in high school teaching are considered. Some of the problems are as follows: organizing the teaching program; planning the course of study; making lesson plans; conducting field trips; farm shop work; Future Farmer work; supervised practice programs; and visual aids.

Mr. Kirkley

V A E 402—Methods in Agricultural Education—3 cr. (3 and 0)

This course should be taken concurrently with V A E 404. Determining the needs, securing and organizing necessary instructional material, and planning lessons; teaching and supervising the improvement of the farming practices of part-time, adult farmers or special groups receive major emphasis. The use of surveys, visual aids, publicity, school canneries, shop and other community services are included.

Mr. Bowen

V A E 403—Directed Teaching: All-Day Classes—3 cr. (0 and 9)

The purpose of this course is to develop the ability of prospective teachers to organize courses in vocational agriculture based on community farm problems and practices, to conduct classes in accordance with sound educational principles of teaching, to gain experience in teaching, and to develop confidence in themselves as teachers. During the course, opportunity will be given to observe and teach in nearby high school departments of vocational agriculture, under the supervision of the local teacher and a member of the agricultural education faculty. *Prerequisite*: This course should be taken concurrently with V A E 401.

Agricultural Education Staff

V A E 404—Directed Teaching:Adult Groups—3 cr. (0 and 9)

This course should be taken concurrently with V A E 402. In it farmers' practices are secured and evaluated, pertinent information organized and taught. The supervision of the improvement of the farming practices of adult or special groups of farmers is given careful consideration, as well as teaching farmers to secure and use the cannery, shop and other community services.

Agricultural Education Staff

VOCATIONAL EDUCATION

Mr. Washington

Mr. Booker Mr. Brock *Mr. Tate

Mr. Monroe

V Ed 101—Orientation—1 cr. (1 and 0)

The purpose of this course is to aid the freshman in adjusting himself to the college environment and his course of study.

Mr. Brock

V Ed 301—Observation of Industrial Teaching—1 cr. (0 and 3)

It is the purpose to give the student a practical acquaintance with the duties of the industrial arts teacher, teacher of trade and industrial subjects, and coordinator of diversified occupations programs.

Mr. Brock

V Ed 302—Organization of Trade and Industrial Courses of Study—3 cr. (3 and 0)

A study is made of purpose, scope, and use of job analysis in writing courses of study, writing and using instruction sheets for teaching, constructing achievement tests in industrial subjects. The student is required to select some industrial subject and write a course of study based upon analyses of jobs covered under that subject. Prospective teachers are urged to select subjects which they expect to teach later.

Mr. Brock

V Ed 305—Principles of Secondary Education—3 cr. (3 and 0)

A study is made of characteristics and need of general and vocational education, characteristics of learning, knowledge and thinking ability, motor, moral, and appreciative reactions, choice of subjects and activities, influence of age, maturity, and individual differences, methods of teaching, appraising results of education.

Mr. Booker

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* On military leave.

V Ed 307—Industrial Laboratory—2 cr. (0 and 6)

It is the purpose to develop an industrial background for the teacher who is to have charge of a comprehensive industrial program in a community where an effort is being made to train young men and adult industrial workers in the individual skills of productive employment in industrial occupations. This will include woodworking, painting, metal working, and drafting, and also the interplay of skills between these as adapted to teaching situations.

Mr. Brock

V Ed 308—Industrial Laboratory—2 cr. (0 and 6)

The student will be required to select his projects, furnish materials, make preliminary plans and sketches for them, and have these approved by the instructor. At the completion of each project in the laboratory the student will be carefully examined concerning the work he has done.

Mr. Brock

V Ed 309—Rural and Village School Problems—3 cr. (3 and 0)

It is the purpose to introduce the student to the problems facing the teacher in rural and small town schools, and from this to determine the qualifications necessary for a successful teacher. A study is made of correlation of the curriculum with the desirable social trends in agricultural and industrial communities, the summer session, transportation problems, and the special qualifications of teachers.

Mr. White

V Ed 316—History and Philosophy of Education—2 cr. (2 and 0)

A study is made of education in the Orient, early European education, the contributions of Plato, Luther, Locke, Rousseau, Spencer, Herbart, Dewey and others. The development of public education in South Carolina, special attention given to the social significance of the school.

Mr. Washington

V Ed 401—Coordination Methods in Vocational Education—2 cr. (2 and 0)

A study is made of the major occupations in the United States and in South Carolina in order that prospective teachers may become informed

as to possibilities in them and more intelligently give guidance to high school students. A survey is made of the youth problem, employment trends, general industrial conditions, kind of men industries want, survey of industrial plants, testing for mechanical aptitude, organizing occupations course in high school.

Mr. Booker

V Ed 402—Directed Teaching in Trade and Industrial Subject—5 cr. (2 and 9)

A study is made of organizing class, selection of teaching materials, planning work, discipline, teaching methods, examinations and grading, cooperation with school personnel, records and reports, inventories, and upkeep of equipment. Each student teacher periodically is given an opportunity to teach some industrial subject. During his teaching period, he is responsible for his class just as if he were an employed teacher of that subject, including conforming to the high school schedule and registration period.

Mr. Brock

V Ed 404—Technique of Teaching—3 cr. (3 and 0)

The purpose of this course is to acquaint the prospective teacher with the most significant problems in trade and industrial teaching, to propose solutions for these problems consistent with most authoritative information available. The principal topics covered are shop planning; organizing classes; selection of equipment and tools; ways of securing materials and supplies for school shop; introducing, financing, and advertising a shop program; methods of teaching; and discipline.

Mr. Brock

V Ed 411—Directed Teaching in High School Subjects—3 cr. (0 and 9)

Supervised practice teaching is given in general science, chemistry, mathematics, civics, etc., in order to develop skill in the best methods of teaching these subjects. (Enrollment is by individual approval and may be dependent upon observing the high school schedule including registration, etc.) A study is made of selection of subject matter, planning work, methods of teaching, examinations, grading, discipline, cooperation with school personnel, records, and reports.

Mr. Brock

V Ed 412—Directed Teaching in High School Subjects—3 cr. (0 and 9)

A continuation of V Ed 411

Mr. Brock

V Ed 415—Administration of Vocational and Other Schools—2 cr. (2 and 0)

A course to acquaint the prospective teacher with modern administration technique in public education. Topics covered include: The public school curriculum, the administration of vocational departments, the duties of the principal and his relationship to the school board. Attention will also be given to certain legal phases of school administration.

V Ed 420—Educational and Vocational Guidance—3 cr. (3 and 0)

A study is made of need, meaning, basic assumptions, aims and objectives of guidance; general methods of investigation; use of school records, explanatory activities, tests, estimates of personality traits, and self-analysis as methods of studying the individual; methods of study of occupations; guidance of students in choice of occupation; choice of training, and organization of guidance.

Mr. Monroe

WEAVING AND DESIGNING

Mr. McKenna

Mr. Cartee	Mr. Walters	Mr. Hubbard
Mr. Tarrant	Mr. Williams	Mr. MacDonald
Mr. Crenshaw	Mr. Berry	Mr. Whitten
	*Mr. Hance	

W D 201—Fabric Design—3 cr. (2 and 3)

A study of the basic weaves for cloth fabrication. Plain, twill, sateen weaves, and their derivatives; drawing-in drafts, reed plan, chain drafts, shedding cam design, and analysis of fabrics to obtain weave.

Mr. Berry Mr. Hubbard Mr. Whitten

W D 202—Fabric Design—2 cr. (1 and 3)

A study of the more complex and intricate weaves for fabrics. Extra warp and filling for weight and figure, filling reversible, double cloth, double plain and matelasse, Bedford Cord and pique, velveteen and corduroy, and Turkish towel. *Prerequisite*: W D 201

Mr. Tarrant Mr. Crenshaw Mr. Whitten

W D 205—Cam Loom Mechanisms—1 cr. (0 and 3)

A study of the construction, mechanical operation, and adjustments of the cam loom. Analytical study of the loom, adjustment and timing

*On leave.

of the shedding motion, adjustment and timing of the picking motion, the beating-up motion, let-off and take-up motions, gearing, speeds, production.

Mr. Walters Mr. Williams Mr. Berry

W D 206—Cam Loom Mechanisms—2 cr. (1 and 3)

A further study of the cam loom mechanisms to include the automatic filling transfer, filling feelers, filling cutters, filling stop motion, warp stop motions, extra attachments such as tape selvage motions, auxiliary cams for twill and sateen weaves, and the various over-head attachments for shedding motions of more than two harnesses, loom calculations. *Prerequisite*: W D 205

Mr. Tarrant Mr. Walters Mr. Williams

W D 301—Fabric Structure and Design—2 cr. (1 and 3)

A study of the plans, drafts, and specifications required for the production of plain, leno, and figured fabrics. Leno mechanisms and design; warp and filling layouts; weave combinations; fabric construction; ratio of intersections; harness, reed, and chain plans; warping and slashing plans. *Prerequisite*: W D 201

Mr. Tarrant Mr. Hubbard

W D 302—Fabric Analysis—2 cr. (1 and 3)

A study of the analysis of fabrics as they come to the mill for reproduction. Methods of determining yards per pound from a small sample and from the yarn counts; overall and ground construction; selection of yarn counts; determining the design, drawing-in-draft, chain draft, and reed plan; warp dressing plan; cotton, wool, silk, and rayon fabrics. *Prerequisite*: W D 201, 202

Mr. Cartee

W D 305—Dobby and Box Mechanisms—1 cr. (0 and 3)

A study of the construction, mechanical operation, and adjustment of dobby and box mechanisms. Setting and timing of the cylinder, knives, dobby crank, and shed; study of the box mechanisms and the use of two or more filling yarns in the weaving of fancy fabrics; setting, aligning, and timing of the box motion, and the building of pattern chains. *Prerequisite*: W D 205, 206

Mr. Cartee Mr. Tarrant Mr. Hubbard

W D 306—Jacquard Mechanism—2 cr. (1 and 3)

A study of the theory and mechanisms of the jacquard machine and its complementary equipment. Types of jacquard machines and principles of operation; methods of harness building; card cutting and lacing machines. *Prerequisite*: W D 201, 205

Mr. McKenna Mr. Crenshaw

W D 309—Knitting—1 cr. (0 and 3)

A study of the principles of knitted fabric construction and hosiery production. Knitting mechanisms, construction of knitted fabrics and hosiery, rib knitting, hosiery machinery, fancy knitting, sinker-reverse plating, the float and the welt stitch principle, hosiery analysis, material costs, labor costs, overhead costs, knitting calculations.

Mr. MacDonald

W D 401—Warp Preparation—2 cr. (1 and 3)

A study of warping and slashing mechanisms and the plans and requirements for efficient operation. Types of warping equipment; slashing machinery; size mixtures and processing methods for cotton, rayon, and other fibers. *Prerequisite*: W D 301

Mr. McKenna

W D 402—Fabric Development—2 cr. (1 and 3)

Production of woven patterns as studied in fundamental courses in the Weaving and Designing Department. Fabric development, analysis, and cloth order problems. *Prerequisite*: W D 301, 302, 305

Mr. McKenna Mr. Walters

YARN MANUFACTURING

Mr. Eaton

Mr. Gage	Mr. Hendricks	Mr. Wilson
Mr. Campbell	Mr. Jones	Mr. Berry
Mr. Blair	Mr. Thomson	

Y M 201—Blending and Cleaning—3 cr. (2 and 3)

A study of the mechanical equipment used to open, blend and clean the raw materials and to prepare cotton and other staple fibers for

succeeding yarn manufacturing processes. Blending of staple fibers; calculations for drafts, measuring devices, waste, evener motions and production.

Mr. Jones Mr. Thomson Mr. Berry

Y M 202—Carding—3 cr. (2 and 3)

A study of the theory and operation of the card as it is used in the processing of staple fibers and the doubling and drafting of sliver on the drawing frame. Card construction, settings, clothing, ratio of speeds and draft, production and waste studies on the card. Drawing frame construction, drafts and doubling.

Mr. Wilson

Y M 301—Roving Frames—3 cr. (2 and 3)

The construction and operation of fly frames. Drafting, twisting and winding on slubbers, intermediates, and Jack frames; production, rolls, spindles, and flyers, differential motions and cones, twist per inch, all calculations for these topics.

Mr. Hendricks

Y M 302—Spinning—3 cr. (2 and 3)

A study of the manufacturing possibilities of the ring spinning frame and ring twister as they are used in the processing of staple fibers. The theory of the spindle, ring and traveler, drafts, twist, builder motions, production, general machine construction, and problems applicable to machines.

Mr. Gage

Y M 305—Cotton Marketing—1 cr. (0 and 3)

Cotton classing according to U. S. Government Standards for grades and staples. Classing and valuing all grades of cotton raised in U. S.; methods of ginning, marketing, and handling cotton; contracts and claims.

Mr. Jones

Y M 306—Combing—2 cr. (1 and 3)

A study of settings and adjustment of the comber and its preparatory machines; the value and use of its product. Timing and setting comber

for various staples and required waste, production and other calculations; management; and operation of these machines.

Mr. Blair

ZOOLOGY

Mr. Warnhoff Mr. Ware

Zool 101—General Zoology—4 cr. (3 and 3)

Designed to give the student thorough training in fundamental types and zoological principles. The morphology, physiology, behavior, reproduction, ecology, embryology, zoogeography, evolution and palaeontology of each phylum is presented.

Mr. Ware

Zool 301—Advanced Zoology—3 cr. (2 and 3)

Designed to give the student advanced training in zoological principles, physiology and comparative vertebrate anatomy. *Prerequisite*: Zool 101

Mr. Warnhoff Mr. Ware

Zool 302—Vertebrate Embryology—3 cr. (2 and 3)

Designed to give the student the fundamentals of developmental anatomy of the organ systems as illustrated by the chick and pig. By actual preparation of histological sections and mounts the student acquires practice in laboratory procedure and a working knowledge of vertebrate microscopic anatomy. Identification of the various tissues is stressed. *Prerequisites*: Zool 101 and 301

Mr. Ware

Zool 306—Game Management—2 cr. (2 and 0)

A study of breeding habits of game animals and birds and type or territory desirable. The ethics of sportsmanship, and the control of predators are among other subjects covered.

THE CLEMSON AGRICULTURAL COLLEGE RECORD

PART VI

Public Service Activities

*AGRICULTURAL EXPERIMENT STATION STAFF

Board of Control

HONORABLE J. B. DOUTHIT ---------- Pendleton
HONORABLE W. W. BRADLEY, *Ex-Officio* ---------- Columbia
HONORABLE T. B. YOUNG ---------- Florence
HONORABLE PAUL SANDERS ---------- Ritter
HONORABLE F. E. COPE ---------- Cope
HONORABLE R. M. COOPER ---------- Wisacky
HONORABLE W. A. BARNETTE ---------- Greenwood

R. F. POOLE, PH.D., D.SC., LL.D. ---------- *President*
H. P. COOPER, PH.D. ---------- *Director*
R. A. MCGINTY, A.M. ---------- *Vice-Director*

Agricultural Economics and Rural Sociology

G. H. Aull, Ph.D. ---------- Agricultural Economist
W. T. Ferrier, Ph.D. ---------- Agricultural Economist
J. M. Stepp, Ph.D. ---------- Agricultural Economist
Dennis Crawford, B.S. ---------- Assistant Agricultural Economist
**Charles P. Butler, M.S. ---------- Agricultural Economist
C. W. Pitchford ---------- Technical Assistant

Agricultural Engineering

G. B. Nutt, M.S. ---------- Agricultural Engineer
G. H. Dunkelberg, M.S. ---------- Associate Agricultural Engineer
**J. K. Park, M.S. ---------- Agricultural Engineer

Agronomy

H. P. Cooper, Ph.D. ---------- Agronomist
W. R. Paden, Ph.D. ---------- Agronomist
W. H. Garman, Ph.D. ---------- Soil Scientist
J. W. Jones, M.S. ---------- Associate Agronomist
N. R. Page, M.S. ---------- Associate Agronomist
E. B. Eskew, B.S. ---------- Assistant Agronomist
**T. C. Peele, Ph.D. ---------- Soil Technologist
**Mack Drake, Ph.D. ---------- Soil Scientist
**O. W. Beale, M.S. ---------- Soil Scientist

Animal Husbandry

L. V. Starkey, M.S. ---------- Animal Husbandman
E. G. Godbey, B.S. ---------- Associate Animal Husbandman
G. W. Anderson, D.V.M., M.S. ---------- Associate Animal Pathologist

Botany and Bacteriology

G. M. Armstrong, Ph.D. ---------- Botanist and Plant Pathologist
W. B. Aull, B.S. ---------- Bacteriologist
C. H. Arndt, Ph.D. ---------- Associate Botanist and Plant Pathologist
W. B. Albert, Ph.D. ---------- Associate Plant Pathologist
N. B. Goebel, M.S. ---------- Associate Forester
C. C. Bennett, B.S. ---------- Assistant Botanist

*List of staff members compiled October 1, 1947
**In cooperation with the United States Department of Agriculture.

Chemistry

J. H. Mitchell, M.S. ---------- Chemist
E. J. Lease, Ph.D. ---------- Nutritionist
D. B. Roderick, B.A. ---------- Assistant Chemist

Dairy

J. P. LaMaster, M.S. ---------- Dairyman
S. P. Marshall, Ph.D. ---------- Associate Dairyman
G. M. Barnett, Jr., B.S. ---------- Assistant Dairyman
J. T. Lazar, Jr., B.S. ---------- Assistant Dairyman

Entomology

O. L. Cartwright, M.S. ---------- Associate Entomologist
David Dunavan, M.S. ---------- Associate Entomologist
W. H. Purser, M.S. ---------- Asst. Bee Specialist

Home Economics

Ada M. Moser, M.S. ---------- Home Economist
Elizabeth Watson ---------- Assistant Home Economist

Horticulture

A. M. Musser, B.S. ---------- Horticulturist
O. B. Garrison, Ph.D. ---------- Associate Horticulturist
L. O. Van Blaricom, M.S. ---------- Associate in Horticultural Manufactures
H. J. Sefick, M.S. ---------- Assistant Horticulturist
J. A. Martin, B.S. ---------- Assistant Horticulturist
**J. T. Bregger, M.S. ---------- Horticulturist
C. K. Stuart, B.S. ---------- Assistant Horticulturist

Farms

C. S. Patrick, B.S. ---------- Head Farms Department

Poultry

C. L. Morgan, M.S. ---------- Poultryman
J. B. Cooper, M.S. ---------- Associate Poultry Husbandman

Publications

S. C. Stribling, B.S. ---------- Agricultural Editor

Veterinary

R. O. Feeley, D.V.S. ---------- Veterinarian

Coast Station

Summerville, South Carolina

E. D. Kyzer, B.S. ---------- Superintendent
T. M. Clyburn, B.S. ---------- Assistant Animal Husbandman

**In cooperation with the United States Department of Agriculture.

Pee Dee Station

Florence, South Carolina

E. E. Hall, M.S. ---------- Superintendent
Alfred Manwiller, Ph.D. ---------- Associate Plant Breeder
**F. F. Bondy, B.S. ---------- Entomologist
**W. H. Jenkins, B.S. ---------- Associate Agronomist
**Norman Allen, M.S. ---------- Associate Entomologist
**Raymond Wenger, Ph.D. ---------- Associate Bio-Chemist
Z. T. Ford, B.S. ---------- Assistant Agronomist
W. A. Mappus, B.S. ---------- Assistant Agronomist
J. D. Watson, B.S. ---------- Assistant Agronomist
F. M. Harrell ---------- Research Assistant
**J. F. Bullock, M.S. ---------- Assistant Agronomist
**C. F. Rainwater, B.S. ---------- Assistant Entomologist
**D. C. Harrell, B.S. ---------- Junior Agronomist
**T. W. Graham, M.S. ---------- Agent
**T. M. McCutcheon, A.B. ---------- Agent
**W. H. Rumff, B.S. ---------- Agent

Sandhill Station

R. 5, Columbia, South Carolina

**J. A. Riley, M.S. ---------- Superintendent
W. A. Carns ---------- Foreman

Truck Station
Post Office Box 337
Charleston, South Carolina

W. C. Barnes, Ph.D. ---------- Superintendent
W. M. Epps, Ph.D. ---------- Associate Plant Pathologist
**W. J. Reid, Jr., B.S. ---------- Assistant Entomologist

Edisto Station
Blackville, South Carolina

W. B. Rogers, B.S. ---------- Superintendent
C. J. Nusbaum, Ph.D. ---------- Associate Plant Pathologist
J. G. Watts, M.S. ---------- Associate Entomologist
Morris B. Hughes, Ph.D. ---------- Associate Horticulturist
J. H. Horton, Jr., B.S. ---------- Assistant Agronomist
M. R. Powers, M.S. ---------- Assistant Agricultural Engineer
**J. D. McCown ---------- Agent

Crop Pest Commission

G. M. Armstrong, Ph.D. ---------- State Pathologist
J. A. Berly, B.S. ---------- Associate State Entomologist
R. H. Garrison, B.S. ---------- Associate Plant Breeder
G. M. Anderson, B.S. ---------- Assistant State Pathologist

Fertilizer Inspection and Analysis

B. D. Cloaninger, B.S. ---------- Head of Department
H. J. Webb, Ph.D. ---------- Chief Chemist and Toxicologist
J. T. Foy, B.S. ---------- Chemist
E. E. Leslie, B.S. ---------- Assistant Chemist
Maurice M. Phillippe, M.S. ---------- Assistant Chemist

**In cooperation with the United States Department of Agriculture.

*LIVESTOCK SANITARY WORK STAFF

COLUMBIA, SOUTH CAROLINA

R. A. Mays, B.Sc., D.V.M. ---------- State Veterinarian and Director

Bert W. Bierer, V.M.D. ---------- Assistant State Veterinarian
W. R. Chastian, D.V.M. ---------- Assistant State Veterinarian
I. R. Cooper, Sr., D.V.M. ---------- Assistant State Veterinarian
E. T. Fisher, D.V.M. ---------- Assistant State Veterinarian
H. B. Hood, V.M.D. ---------- Assistant State Veterinarian
J. G. McKee, D.V.M. ---------- Assistant State Veterinarian
F. K. Peterson, D.V.M. ---------- Assistant State Veterinarian
Jack Scott, D.V.M. ---------- Assistant State Veterinarian
S. M. Witherspoon, B.Sc., D.V.M. ---------- Assistant State Veterinarian

N. J. Ayers, D.V.M. ---------- Deputy State Veterinarian, Greer
A. L. Backsman, D.V.M. ---------- Deputy State Veterinarian, Laurens
O. E. Ballenger, D.V.M. ---------- Deputy State Veterinarian, Easley
W. A. Barnette, B.Sc., D.V.M. ---------- Deputy State Veterinarian, Greenwood
W. R. Beasley, D.V.M. ---------- Deputy State Veterinarian, Batesburg
R. W. Beaty, Jr., D.V.M. ---------- Deputy State Veterinarian, Sumter
M. R. Blackstock, D.V.S. ---------- Deputy State Veterinarian, Spartanburg
Thos. E. Brown, D.V.M. ---------- Deputy State Veterinarian, Spartanburg
T. B. Bruce, II, D.V.M. ---------- Deputy State Veterinarian, Mullins
Theo. L. Burriss, D.V.M. ---------- Deputy State Veterinarian, Anderson
William Mack Burriss, D.V.M. ---------- Deputy State Veterinarian, Anderson
F. P. Caughman, Sr., B.Sc., V.M.D. ---------- Deputy State Veterinarian, Columbia
F. P. Caughman, Jr., D.V.M. ---------- Deputy State Veterinarian, Columbia
Geo. W. Cofer, D.V.M. ---------- Deputy State Veterinarian, Columbia
I. R. Cooper, Jr., D.V.M. ---------- Deputy State Veterinarian, Ridgeland
M. D. Culpepper, D.V.M. ---------- Deputy State Veterinarian, Winnsboro
R. L. Dickinson, D.V.M. ---------- Deputy State Veterinarian, Bishopville
J. T. Dickson, D.V.M. ---------- Deputy State Veterinarian, Rock Hill
W. T. Dunn, D.V.M. ---------- Deputy State Veterinarian, Greenville
H. P. Dyches, D.V.M. ---------- Deputy State Veterinarian, Aiken
H. L. Frieze, D.V.M. ---------- Deputy State Veterinarian, Gaffney
R. E. Gandy, D.V.M. ---------- Deputy State Veterinarian, St. George
S. P. Galphin, D.V.M. ---------- Deputy State Veterinarian, Holly Hill
Jas. G. Gibson, D.V.M. ---------- Deputy State Veterinarian, Florence
W. H. Gilmore, Jr., D.V.M. ---------- Deputy State Veterinarian, Columbia
William Ginn, D.V.M. ---------- Deputy State Veterinarian, Varnville
O. H. Graham, D.V.M. ---------- Deputy State Veterinarian, Conway
C. C. Harmon, B.Sc., D.V.M. ---------- Deputy State Veterinarian, Columbia
Carlos Helms, D.V.M. ---------- Deputy State Veterinarian, Darlington
C. R. Hinson, D.V.M. ---------- Deputy State Veterinarian, Bennettsville
C. Douglas Hobart, D.V.M. ---------- Deputy State Veterinarian, Cheraw
Thomas P. Hoffmeyer, D.V.M. ---------- Deputy State Veterinarian, Florence
L. J. Hogan, D.V.M. ---------- Deputy State Veterinarian, Charleston
T. B. Jacobs, D.V.M. ---------- Deputy State Veterinarian, Newberry
Preston B. Jones, D.V.M. ---------- Deputy State Veterinarian, Anderson
S. J. Kellett, Jr., D.V.M. ---------- Deputy State Veterinarian, Seneca
H. B. Kinard, Jr., D.V.M. ---------- Deputy State Veterinarian, Greenwood
Don C. Kitchen, D.V.M. ---------- Deputy State Veterinarian, Greenville
F. E. Kitchen, D.V.M. ---------- Deputy State Veterinarian, Greenville
G. R. Kitchen, D.V.M. ---------- Deputy State Veterinarian, Sumter
W. R. Latta, D.V.M. ---------- Deputy State Veterinarian, Orangeburg

G. J. Lawhon, Sr., B.Sc., D.V.M. ____ Deputy State Veterinarian, Hartsville
G. J. Lawhon, Jr., V.M.D. _____ Deputy State Veterinarian, Hartsville
J. S. Lide, D.V.M. _____ Deputy State Veterinarian, Newberry
J. M. Love, D.V.M. _____ Deputy State Veterinarian, Lancaster
W. K. Magill, B.Sc., D.V.M. _____ Deputy State Veterinarian, Chester
W. D. McCormack, D.V.M. _____ Deputy State Veterinarian, Conway
B. K. McInnes, M.D., V.M.D. _____ Deputy State Veterinarian, Charleston
B. C. McLean, V.M.D. _____ Deputy State Veterinarian, Aiken
A. S. Moore, D.V.M. _____ Deputy State Veterinarian, Walterboro
G. E. H. Moore, D.V.M. _____ Deputy State Veterinarian, Walterboro
J. H. Moore, D.V.M. _____ Deputy State Veterinarian, Charleston
J. H. Morse, V.M.D. _____ Deputy State Veterinarian, Sumter
A. J. Osteen, D.V.M. _____ Deputy State Veterinarian, Charleston
M. J. Rattray, Jr., D.V.M. _____ Deputy State Veterinarian, Anderson
Wm. F. Rawlinson, D.V.M. _____ Deputy State Veterinarian, Manning
Herbert E. Riddle, D.V.M. _____ Deputy State Veterinarian, Greenville
Lee D. Rodgers, D.V.M. _____ Deputy State Veterinarian, Greenwood
R. R. Salley, D.V.M. _____ Deputy State Veterinarian, Orangeburg
G. K. Smith, D.V.M. _____ Deputy State Veterinarian, Spartanburg
J. R. Smith, D.V.M. _____ Deputy State Veterinarian, Marion
J. D. Stith, D.V.M. _____ Deputy State Veterinarian, Hartsville
Frank A. Story, D.V.M. _____ Deputy State Veterinarian, Denmark
O. M. Strock, D.V.M. _____ Deputy State Veterinarian, Orangeburg
R. O. Suddath, B.S.A., V.M.D. _____ Deputy State Veterinarian, Seneca
H. L. Sutherland, D.V.M. _____ Deputy State Veterinarian, Union
B. C. Talley, B.Sc., D.V.M. _____ Deputy State Veterinarian, Bennettsville
E. R. VandeGrift, Jr., D.V.M. _____ Deputy State Veterinarian, Columbia
U. E. Whatley, D.V.M. _____ Deputy State Veterinarian, Dillon
J. M. Williams, D.V.M. _____ Deputy State Veterinarian, Moncks Corner
R. L. Willis, D.V.M. _____ Deputy State Veterinarian, Charleston

*AGRICULTURAL EXTENSION STAFF

R. F. Poole, Ph.D., D.Sc., LL.D. _____ *President*
D. W. Watkins, B. S. M. A. _____ *Director*
T. W. Morgan, B.S., M.S. _____ *Assistant Director*
S. A. Williams, B.S. _____ *Chief Clerk and Accountant*

Agricultural Economics

M. C. Rochester, B.S., M.S., Ph.D.
Leader, Agricultural Economics Extension Work, Clemson
M. H. Sutherland, B.S. _____ Extension Agricultural Economist, Clemson
P. S. Williamon, B.S.
Extension Supervisor, Unit Test Demonstration Farms, Clemson

Agricultural Engineering

G. H. Stewart, B.S., M.S.,
Leader, Agricultural Engineering Extension Work, Clemson
M. C. McKenzie, B.S. _____ Extension Agricultural Engineer, Clemson
K. R. Ray _____ Extension Specialist in Visual Aids and Drafting, Clemson
E. C. Turner, B.S. _____ Extension Conservationist, Clemson
L. W. Johnson, B.S. _____ Food Improvement Specialist, Rock Hill
H. Z. Duffie, Jr., B.S. _____ Asst. Agricultural Engineer, Clemson

Agronomy

H. A. Woodle, B.S. _____ Leader, Agronomy Extension Work, Clemson
W. H. Craven, B.S. _____ Extension Agronomist, Clemson

*List of staff members compiled October 1, 1947

H. G. Boylston, B.S. ____ Extension Cotton Improvement Specialist, Clemson
H. A. McGee, A.B. _____ Extension Tobacco Specialist, Florence
J. M. Lewis, B.S. _____ Extension Tobacco Specialist, Florence
J. R. Mattison, B.S. _____ Extension Tobacco Specialist, Clemson

Animal Husbandry

J. R. Hawkins, B.S., M.S. ____ Leader, Extension Livestock Work, Columbia
A. L. Durant, B.S., M.S. _____ Extension Livestock Specialist, Florence
W. A. Ridgeway, B.S. _____ Extension Livestock Specialist, Newberry

Dairying

C. G. Cushman, B.S. _____ Leader, Dairy Extension Work, Clemson
C. H. Lomas, B.S. _____ Extension Dairy Specialist, Clemson
J. W. Lyle, B.S. _____ Assistant Dairy Specialist, Clemson

Entomology and Plant Pathology

W. C. Nettles, B.S., M.S.
Leader, Extension Entomology and Plant Disease Work, Clemson
M. B. Stevenson, B.S.
Extension Specialist, Cotton Insects and Diseases, Clemson
E. S. Prevost _____ Extension Specialist, Beekeeping, Clemson
C. R. Jordan, Jr., B.S. _____ Assistant Extension Entomologist, Clemson

Forestry

W. J. Barker, B.S. _____ Leader, Forestry Extension Work, Clemson
C. W. Hall, B.S. _____ Extension Forester, Columbia
S. A. Marbut, B.S. _____ Extension Forester, Clemson

Four-H Club Work

I. D. Lewis, B.S., M.S. _____ State Boys 4-H Club Agent, Clemson
L. O. Clayton, B.S., M.A. _____ District Boys 4-H Club Agent, Clemson
O. R. Smith, B.S. _____ District Boys 4-H Club Agent, Aiken
J. T. Rogers, B.S. _____ District Boys 4-H Club Agent, Florence

Horticulture

A. E. Schilletter, B.S. _____ Leader, Horticulture Extension Work, Clemson
R. J. Ferree, B.S., M.S. _____ Extension Horticulturist, Clemson
H. A. Bowers, B.S. _____ Extension Truck Crops Specialist, Barnwell

Marketing

T. A. Cole, B.S. _____ Chief, Extension Division of Marketing, Columbia
J. E. Youngblood, B.S.
Asst. Chief, Extension Division of Marketing, Columbia
C. H. Langford, B.S. _____ Extension Marketing Specialist, Columbia
W. A. Tuten, _____ Extension Marketing Specialist, Columbia
L. M. Asbill _____ Extension Marketing Specialist, Columbia
R. D. Steer, B.S. __ Extension Cooperative Marketing Specialist, Greenwood

Poultry

P. H. Gooding, B.S., M.S. _____ Leader, Poultry Extension Work, Clemson
E. A. Peterkin, B.S. _____ Extension Poultryman, Dillon
L. W. Herrick, B.S., M.S. _____ Extension Turkey Specialist, Columbia

Printing and Distribution of Publications

S. C. Stribling, B.S. _____ Agricultural Editor, Clemson
Doris Timmerman, A.B. _____ Assistant Agricultural Editor, Clemson
J. M. Eleazer, B.S. _____ Extension Information Specialist, Clemson

Visual Instruction

L. W. Riley__Extension Specialist, Motion Pictures & Photography, Clemson
J. K. Eargle _____ Assistant In Visual Aids, Clemson

*List of staff members compiled October 1, 1947.

DISTRICT AGENTS

First District	L. B. Massey, B.S.	Spartanburg
Second District	J. T. Lazar, B.S.	Florence
Third District	A. H. Ward, B.S., M.S.	Aiken

COUNTY AGRICULTURAL AGENTS

County	*Name*	*Post Office*
Abbeville	Z. D. Robertson, A.B.	Abbeville
Aiken	R. R. Mellette, B.S.	Aiken
Allendale	C. B. Searson, Jr., B.S.	Allendale
Anderson	J. H. Hopkins, B.S.	Anderson
Bamberg	R. C. Hubbard, Jr., B.S.	Bamberg
Barnwell	D. A. Shelley, B.S.	Barnwell
Beaufort	E. C. Abrams, B.S.	Beaufort
Berkeley	M. C. Mason, B.S.	Moncks Corner
Calhoun	O. W. Cain, B.S.	St. Matthews
Charleston	C. W. Carraway, B.S.	Charleston
Cherokee	T. B. Lee, B.S.	Gaffney
Chester	T. A. Stallworth, B.S.	Chester
Chesterfield	J. C. Willis, B.S.	Chesterfield
Clarendon	A. D. Grainger, B.S.	Manning
Colleton	L. W. Alford, B.S.	Walterboro
Darlington	O. O. Dukes, B.S.	Darlington
Dillon	C. P. Goodyear, B.S.	Dillon
Dorchester	J. L. King, B.S.	St. George
Edgefield	O. W. Lloyd, B.S.	Edgefield
Fairfield	R. H. Lemon, B.S.	Winnsboro
Florence	J. W. McLendon, B.S.	Florence
Georgetown	M. M. McCord, B.S.	Georgetown
Greenville	W. R. Gray, B.S.	Greenville
Greenwood	P. M. Garvin, B.S.	Greenwood
Hampton	J. C. Anthony, B.S.	Hampton
Horry	V. M. Johnston, B.S.	Conway
Jasper	N. R. Davis, Jr., B.S.	Ridgeland
Kershaw	W. C. McCarley, B.S.	Camden
Lancaster	F. W. Cannon, B.S.	Lancaster
Laurens	C. B. Cannon, B.S.	Laurens
Lee	W. L. Bryant, B.S.	Bishopville
Lexington	S. E. Evans, B.S., M.S.	Lexington
McCormick	G. W. Bonnette, B.S.	McCormick
Marion	J. C. King, B.S.	Marion
Marlboro	Colin McLaurin, B.S.	Bennettsville
Newberry	P. B. Ezell, B.S.	Newberry
Oconee	G. H. Griffin, B.S.	Walhalla
Orangeburg	J. C. McCombs, B.S.	Orangeburg
Pickens	T. A. Bowen	Pickens
Richland	R. W. Bailey, B.S.	Columbia
Saluda	F. M. Kearse, B.S.	Saluda
Spartanburg	J. F. Jones, B.S.	Spartanburg
Sumter	T. O. Bowen, B.S.	Sumter
Union	W. J. Martin, B.S.	Union
Williamsburg	R. A. Jackson, B.S.	Kingstree
York	J. D. Miller, B.S.	York
County Agent At Large	J. M. Napier, B.S., M.S.	Darlington

ASSISTANT COUNTY AGRICULTURAL AGENTS

County	*Name*	*Post Office*
Aiken	C. W. Thompson, B.S.	Aiken
Anderson	J. L. Corchran, B.S.	Anderson
Barnwell	J. T. Graves, B.S., M.S.	Barnwell
Cherokee	L. J. P. Stone, B.S.	Gaffney
Chester	D. C. Wylie, B.S.	Chester
Clarendon	D. E. Epps, B.S.	Manning
Colleton	J. R. White, B.S.	Walterboro
Darlington	W. J. Huntley, B.S.	Darlington
Florence	A. C. Odom, B.S.	Florence
Greenville	J. K. Jones, B.S.	Greenville
Hampton	I. A. Kinard, B.S.	Hampton
Horry	D. A. Benton, B.S.	Conway
Jasper	R. C. Wiggins, B.S.	Ridgeland
Kershaw	J. B. Griffith, B.S.	Camden
Laurens	J. B. Williams, B.S.	Laurens
Lee	V. F. Linder, B.S.	Bishopville
Lexington	R. H. Sams, B.S.	Lexington
Marlboro	J. L. Brown, B.S.	Bennettsville
Oconee	J. C. Morgan, B.S.	Walhalla
Pickens	J. R. Wood, B.S.	Pickens
Richland	R. G. Winburn, B.S.	Columbia
Spartanburg	R. O. Williams, B.S.	Spartanburg
Spartanburg	H. D. Marrett, B.S.	Spartanburg
Sumter	R. P. Alston, B.S.	Sumter
Williamsburg	L. B. Harrington, B.S.	Kingstree
York	J. H. Evans, B.S.	York

NEGRO AGRICULTURAL AGENTS

E. N. Williams, B. S., State Supervisor, Negro Agricultural Extension Work, State College, Orangeburg, S. C.

Waymon Johnson, B.S., Asst. State Supervisor, Negro Agricultural Extension Work, State College, Orangeburg, S. C.

County	*Name*	*Post Office*
Aiken	T. A. Hammond, B.S.	Aiken
Anderson	J. A. Gresham, B.S.	Anderson
Bamberg	E. D. Dean, B. S.	Bamberg
Beaufort	Benjamin Barnwell, B.S.	Beaufort
Berkeley	R. C. Bacote, B.S.	Moncks Corner
Colleton	J. J. Mitchell, B. S.	Walterboro
Charleston	J. A. Amaker, B. S.	Charleston
Chester	M. M. Sitton, B.S.	Chester
Clarendon	William Thompson, B. S.	Manning
Darlington	S. C. Disher, B.S.	Darlington

Dorchester	Eugene Frederick, B. S.	St. George
Fairfield	D. G. Belton, Jr., B.S.	Winnsboro
Florence	H. S. Person, B.S.	Florence
Greenville	R. W. Anderson, B. S.	Greenville
Greenwood	L. V. Walker, B.S.	Greenwood
Horry	W. P. Johnson, B.S.	Conway
Kershaw	J. D. Marshall, B.S.	Camden
Lancaster	R. N. Smith, B.S.	Lancaster
Laurens	J. D. Sweeny, B.S.	Laurens
Marion	G. W. Dean, B.S.	Marion
Marlboro	J. W. Nesbitt, B.S.	Bennettsville
Newberry	S. B. Marshall, B.S.	Newberry
Orangeburg	G. W. Daniels, B.S.	Orangeburg
Richland	J. E. Dickson, B.S.	Columbia
Spartanburg	R. C. Smith, Jr., B.S.	Spartanburg
Sumter	Arthur Sanders, B.S.	Sumter
Union	J. M. Robinson, B.S.	Union
Williamsburg	V. B. Thomas, B.S.	Kingstree
York	B. T. Miller, B.S.	Rock Hill

HOME DEMONSTRATION EXTENSION DEPARTMENT

The United States Department of Agriculture, Clemson College and Winthrop College, working in Cooperation.

Juanita Neely, A.B., M.S.
State Home Demonstration Agent, Rock Hill, S. C.

Jane Ketchen, B.S.
Assistant State Home Demonstration Agent, Rock Hill, S. C.

Bessie Harper, B.A. ---District Home Demonstration Agent, Aiken, S. C.

Laura Connor, B.S.--Assistant District Home Dem. Agent, Rock Hill, S. C.

Helen D. Holstein, B.S.-----District Home Dem. Agent, Rock Hill, S. C.

Gertrude Lanham, B.S., M.S.--District Home Dem. Agent, Rock Hill, S. C.

Eloise Johnson, B.S. ---------- State Girls' Club Agent, Rock Hill, S. C.

Louise Heriot, B.S. ----Assistant State Girls' Club Agent, Rock Hill, S. C.

Portia Seabrook, B.S., M.S. -------- Clothing Specialist, Rock Hill, S. C.

Janie McDill, B.S., M.S. -------- Extension Nutritionist, Rock Hill, S. C.

Margaret Martin, B.S., M.S. ---------- Food Specialist, Rock Hill, S. C.

Ruby Craven, B.S. ------ Home Management Specialist, Rock Hill, S. C.

Sallie Pearce, B.S. ---------- Marketing Specialist, Rock Hill, S. C.

COUNTY HOME DEMONSTRATION AGENTS

County	*Name*	*Post Office*
Abbeville	Myraline Trotter, B.S.	Abbeville
Aiken	Alpha Covar, B.S.	Aiken
Allendale	Mamie Sue Hicks, B.S.	Allendale
Anderson	Ellen Atkinson, B.S.	Anderson
Bamberg	Marie Lambert, B.S.	Bamberg
Barnwell	Elizabeth McNab, A.B.	Barnwell
Beaufort	Mary Ellen Eaves, B.S., A.B.	Beaufort
Berkeley	Elizabeth D. Boykin, A.B.	Moncks Corner
Calhoun	Jeanne Coleman, B.S.	St. Matthews
Charleston	Caroline S. Alston	Charleston
Cherokee	Teresa Caskey, B.S.	Gaffney
Chester	Julia Dukes, B.S.	Chester
Chesterfield	Lillian Davis, B.S.	Chesterfield
Clarendon	Eleanor Carson, B.A., M.S.	Manning
Colleton	Eva M. McGee, B.S.	Walterboro
Darlington	Mary Agnes Wylie, B.S.	Darlington
Dillon	Etta Sue Sellers, B.A.	Dillon
Dorchester	Ophelia Barker, B.S.	St. George
Edgefield	Harriett Gandy, B.S.	Edgefield
Fairfield	Mattie Lee Cooley, A.B., B.S.	Winnsboro
Florence	Vela Smith, B.S.	Florence
Georgetown	Louise Clements, B.S.	Georgetown
Greenville	Myrtle Nesbitt, B.S.	Greenville
Greenwood	Elizabeth Herbert, A.B.	Greenwood
Hampton	Annie Rogers, B.S.	Hampton
Horry	Margaret Cloud, B.S.	Conway
Jasper	Elizabeth Brunson, B.S.	Ridgeland
Kershaw	Margaret Fewell, B.A.	Camden
Lancaster	Dorothy Fennell, B.S.	Lancaster
Laurens	Susan Hall, B.S.	Laurens
Lee	Mary Ida Warner, B.S.	Bishopville
Lexington	Elizabeth Leonard, A.B., B.S.	Lexington
McCormick	Matilda Bell, B.S.	McCormick
Marion	Sallie McKinnon, B.S.	Marion
Marlboro	Polly McGill, B.S.	Bennettsville
Newberry	Ethel Counts, B.A.	Newberry
Oconee	Mary C. Haynie, B.A.	Walhalla
Orangeburg	Sara E. Neely, B.S.	Orangeburg
Pickens	Sarah G. Cureton, B.S.	Pickens
Richland	Marguerite Summer, B.S.	Columbia
Saluda	Curtys Ballentine, B.S.	Saluda
Spartanburg	Ellie Herrick, B.S.	Spartanburg
Sumter	Elizabeth Trowell, B.S.	Sumter
Union	Merle S. Crocker, B.S.	Union
Williamsburg	Myrtle Hatchell, B.S.	Kingstree
York	Georgia Taylor, B.S.	Rock Hill

ASSISTANT COUNTY HOME DEMONSTRATION AGENTS

County	*Name*	*Post Office*
Abbeville	Ruth Quarles, B.S.	Abbeville
Aiken	Margaret G. McFadden, B.S.	Aiken
Anderson	Kathryn Harris, B.S.	Anderson
Barnwell	Mildred Koger, B.S.	Barnwell
Berkeley	Veda Kiser, B.S.	Moncks Corner
Cherokee	Gladys League, B.S.	Gaffney
Chester	Frances Finley, B.S.	Chester
Chesterfield	Kitty E. Lingle, B.S.	Chesterfield
Clarendon	Miriam Jordan, B.S.	Manning
Colleton	Catherine Foxworth, B.S.	Walterboro
Darlington	Rose Jacobs, B.S.	Darlington
Dillon	Eleanor Gandy, B.S.	Dillon
Edgefield	Elizabeth Woodward, B.S.	Edgefield
Florence	Margie Davis, B.S.	Florence
Greenville	Carolyn Ables, B.S.	Greenville
Horry	Lucile Stuckey, B.S.	Conway
Kershaw	Merrell A. Lane, B.S.	Camden
Lancaster	Molly J. Faile, B.S.	Lancaster
Laurens	Adeline Vaughn, B.S.	Laurens
Lee	Frieda Carter, B.S.	Bishopville
Lexington	Mary Robert Spencer, B.S.	Lexington
Marion	Roberta Lane, B.S.	Marion
Marlboro		Bennettsville
Newberry	Jane Winn, A.B.	Newberry
Oconee	Jean Shelley, B.S.	Walhalla
Orangeburg	Virginia DeVore, B.S.	Orangeburg
Pickens	Edith Childers, B.S.	Pickens
Richland	Theresa Wessinger, B.S.	Columbia
Saluda	Novice Hartzog, B.S.	Saluda
Spartanburg	Martha C. Chapman, B.S.	Spartanburg
Sumter	Alice Jordan, B.S.	Sumter
Williamsburg	Gwendolyn D. Klintworth, B.S.	Kingstree
York	Kathleen S. Matthews, B.S.	Rock Hill

NEGRO HOME DEMONSTRATION WORKERS

Marian B. Paul, B.S., State Supervisor, Negro Home Demonstration Work State College, Orangeburg, S. C.

Willie M. Price, Assistant State Supervisor, Negro Home Demonstration Work, State College, Orangeburg, S. C.

County	*Name*	*Post Office*
Aiken	Thelma Spigner, B.S.	Aiken
Allendale	Annie Mae Butler, B.S.	Allendale
Anderson	Cynthia Williams, B.S.	Anderson
Bamberg	Leona B. McMillan, B.S.	Bamberg
Beaufort	Williett Bowers, B.S.	Beaufort
Berkeley	Fannie M. Brown	Moncks Corner
Charleston	Albertha DeVeaux	Charleston
Cherokee	Martha Reid, B.S.	Gaffney
Clarendon	Sarah Z. Daniels	Manning
Darlington	Sara Aiken, B.S.	Darlington
Dorchester	Lillie Mae Jamerson, B.S.	St. George
Fairfield	Bertha Sawyer, B.S.	Winnsboro
Florence	Lillian Brown, B.S.	Florence
Georgetown	Rosa G. Gadson, B.S.	Georgetown
Greenville	Delphena W. Arnold	Greenville
Greenwood	Marie L. Kemlin, B.S.	Greenwood
Kershaw	Mary Lula Pratt, B.S.	Camden
Lancaster	Annabelle E. Spann, B.S.	Lancaster
Marlboro	Minnie E. Gandy, B.S.	Clio
Newberry	Lillian G. Saunders, B.S.	Newberry
Orangeburg	Rosa R. Odom, B.S.	Orangeburg
Richland	Frances Thomas	Columbia
Spartanburg	Cammie Fludd, B.S.	Spartanburg
Sumter	Helen C. Walter, B.S.	Sumter
Union	Laura J. Whitney, B.S.	Union
Williamsburg	Eva G. Lawrence, B.S.	Salters Depot
York	Helen Barnwell, B.S.	Rock Hill

Note: All Negro Home Demonstration Agents have had college training in Home Economics.

THE SOUTH CAROLINA AGRICULTURAL EXPERIMENT STATION

The Agricultural Experiment Station of South Carolina is a department of Clemson College. The experiment station at present consists of the main station, which is located at Clemson, and five sub-stations: one at Summerville, in the coastal plain region; one at Florence, in the Pee Dee section; one at Pontiac, near Columbia, in the sand hill region, one in the trucking section near Charleston; and one in Barnwell county in the melon-growing area. The main offices and laboratories of the station are located on the Clemson College campus, while the station farm, consisting of about 200 acres, is east of and adjoining the College campus. The investigations dealing with the fundamental principles of agricultural science and with the application of such principles to practical agricultural operations are carried on in the laboratories and on the experiment station farm at Clemson. The experiments looking to the adaptation of such scientific data accumulated here and elsewhere to the conditions peculiar to certain sections of the State are carried on at the sub-stations.

It is the aim of the experiment station to conduct research work on problems which have a direct practical bearing on the agriculture of the State. With this end in view extensive experiments relative to the best methods of procedure under various conditions with the principal plants and animals have been undertaken. Economic and social problems are likewise being investigated. As progress is made the results obtained are given out to farmers in the form of bulletins, circulars, and personal letters. Since the establishment of the station, 367 such bulletins and 72 circulars have been published, covering practically all phases of agriculture.

Aside from the research work and the publication of results obtained from such research, the experiment station performs various other duties. Among these might be mentioned the entomological and pathological inspection work (which aims to protect the farms, orchards, and gardens of the State against the introduction of injurious insects and diseases); the biological and soil survey of the State, and the cooperative experimental work carried on with farmers in the State. The technically trained

experts of the station staff are regarded as authorities in their several specialties, and they are constantly giving out information relating to the various lines of agricultural endeavor. The station staff also aids in disseminating agricultural knowledge by cooperating with the Extension Service of the College in holding agricultural meetings and conferences and by meeting with the farm demonstration agents and giving to them technical information which they in turn carry direct to the farmers.

Close cooperation is maintained with the various research bureaus of the United States Department of Agriculture and with the departments of the College. The laboratories are always open to inspection by students and other people of the State. The same is true of the experiment station farm. There is always opportunity for a limited number of students to secure work in the various divisions of the station and to assist in the research work carried on by the members of the station staff.

Home economics research is carried on in cooperation with Winthrop College at Rock Hill. This work is designed to secure additional information on economic, social, and health factors influencing the home and living conditions of rural people.

Close cooperation is maintained between the home economics research department, the teaching and extension workers in this field, and the clubs and societies engaged in the promotion of better rural homes.

A full report of the work and expenditures of the Experiment Station is published annually and this report and all other publications of the station are free and will be sent on request. (Requests for these should be addressed to the Director, Agricultural Experiment Station, Clemson, S. C.)

FERTILIZER INSPECTION AND ANALYSIS

The work of fertilizer inspection and analysis is under the supervision of the Fertilizer Board of Control consisting of a Committee of the Board of Trustees. The work of inspection and analysis is a department of the Agricultural Experiment

Station. District Inspectors are located in different parts of the State. Their duties are to collect official fertilizer samples for analysis and check on the tagging and labelling of all fertilizer material.

The chemical work consists of the analysis of commercial fertilizers as provided for by the Fertilizer Law of the State. This Department also undertakes the analysis of waters, ores, minerals, and other naturally occuring materials, portions of human bodies in cases of suspected poisoning (as provided by law), and the analysis of home-mixed fertilizers. All the work of this Department is done without charge.

THE AGRICULTURAL EXTENSION SERVICE

The agricultural extension work of Clemson College is carried on by the Extension Service in cooperation with the United States Department of Agriculture. The work is supported by federal, state, and county appropriations. The main development of extension work has come since the enactment of the Federal Smith-Lever Act of 1914 providing grants of funds to the states for this purpose. The purpose of extension work is to diffuse among farm people useful and practical information on subjects related to agriculture and the farm home, and, through demonstrations and other practical methods, to stimulate the application of such information by farm people.

Agricultural Extension Work:—Under an Act of the Legislature in 1929, each county in the State has a county farm agent. These agents are agricultural college graduates who have had practical farm experience. They devote their time to the development of the agriculture of their respective counties through farm visits, demonstrations, personal conferences, meetings, community organizations, publications, letters, and otherwise. A staff of extension specialists representing the important lines of agriculture in the State assists the county agents in planning and carrying out the extension program.

Home Demonstration Work: —While home demonstration work is a part of the cooperative program of extension work under the Smith-Lever Act, and is under the general direction of the Extension Service, this work is conducted under the im-

mediate supervision of Winthrop College. Every county is provided with a home demonstration agent by legislative enactment, and these agents conduct educational demonstration work with farm women and girls in the production, preparation, and conservation of the family food supply, home marketing, home improvement, clothing, home furnishings and home management, nutrition, community organization, girls' 4-H club work, and other farm home activities.

Negro Demonstration Work:—Thirty-one negro agricultural agents and twenty-six negro home demonstration agents are employed to do extension work with negro farmers of the State in counties having large negro populations. These agents are employed in cooperation with the State College at Orangeburg, where the supervising agents for this work are located.

Agricultural Economics and Farm Management:—The extension program in agricultural economics and farm management is directed toward a wider dissemination among farm people of economic information, including the results of research work and farm experience, that may be useful to them in planning and conducting their farm businesses. This program includes outlook and economic information, the analysis of farm and home accounts and enterprise records on crops and livestock, kept by farm people with the aid of extension workers, county program planning work, farm tenure work, outlook information, and other activities in this field.

Agricultural Engineering: Extension work in agricultural engineering includes mainly educational work with farm people in the proper terracing and drainage of farm lands, irrigation, the efficient use of farm machinery and equipment, plans for farm buildings and other farm structures, improved cotton ginning methods, the utilization of electric power on the farm and farm water systems.

Field Crops:—Extension work with farm people on field crops includes educational demonstration work in the efficient production of high quality cotton, corn, tobacco, small grains, summer and winter legumes, hay crops, and other crops that are of importance to South Carolina farmers as sources of income and also

food and feed, and the efficient use of commercial fertilizers. This work is currently emphasizing annual grazing and improved permanent pastures.

Livestock:—Extension work in this project includes demonstrations in efficient livestock production, including the use of pure-bred sires, hog-feeding demonstrations, swine sanitation demonstrations, beef cattle, sheep and mule production, cooperative marketing of livestock, 4-H pig and beef calf club work, and the preservation of the farm meat supply.

Dairying:—Extension work in dairying includes work with farm people in placing and encouraging the use of purebred sires, artificial insemmination, dairy herd management, care and handling of milk, pastures and feed production, 4-H dairy calf club work, the marketing of dairy products and dairy cattle, the use of dairy equipment, and the feeding and management of the family cow.

Crop Insects and Diseases:—Crop insects and diseases take a heavy toll on the farms of South Carolina every year. The extension program in this line includes educational demonstration work in the prevention and control of crop diseases, crop insects, and work with beekeepers.

Forestry:—The extension program in farm forestry is directed toward the conservation, proper utilization, and efficient marketing of the farm forestry resources in the State. This program includes educational demonstration work in reforestation, thinning, pruning, selective cutting, fire protection, and timber estimating.

Boys' 4-H Club Work:—Agricultural clubs of farm boys are organized for the purpose of enlisting the intelligent interest of the boys and their parents in improved methods of agriculture. This program includes the organization of 4-H clubs, supervision of 4-H club demonstrations of crops and livestock production and checking the results, training 4-H judging and demonstration teams, leadership, and citizenship training, and holding 4-H club camps, tours, and recreational meetings.

Horticulture:—Extension work with farm people along horticultural lines includes mainly demonstration work in home or-

chard establishment and management, commercial peach and apple production, home gardens, the production of commercial truck crops, and sweet potato production. The emphasis is placed upon the efficient production of quality products both for home use and for the market.

Marketing:—Since the efficient marketing of farm products cannot be wholly separated from production, much of the time of all extension workers is devoted to assisting farm people with their marketing problems. This program includes assistance in the organization and operation of cooperative marketing associations, cooperation with auction markets, supervision of the federal-state shipping point inspection service for fruits and vegetables, demonstrations in grading and packing farm products, all of which is connected with the work of the Extension Service in aiding farm people to produce the varieties and quality of farm products that can be sold on the markets in this State and in other states.

Poultry:—The extension program of poultry demonstration work includes demonstration poultry and turkey flocks, the brooding and rearing of chicks, disease and parasite control, the construction of poultry houses and the use of poultry equipment, the development of poultry breeding flocks, 4-H poultry club work, and the marketing of surplus poultry and eggs from the farms of the State.

Publication and News:—The extension program of publications and news includes the preparation, editing and distribution of agricultural bulletins, news material and circulars, both from the College, and from the offices of the county agents and home demonstration agents. Mimeographed news articles and special news stories of agricultural interest are supplied to the newspapers of the State, and to the Associated Press. Monthly letters or printed circulars on poultry, orchards, gardening, dairying and Boys' 4-H club work are mailed free of charge to those persons especially interested in these subjects. Bulletins covering the important lines of farm activitiy in the State are prepared and made available to farm people who desire such information.

Radio Programs:—Radio programs are presented weekly over almost all of the radio stations in the state, bringing current agricultural news to the farm people.

Visual Instruction—The extension program of visual instruction includes the production and showing of educational motion pictures, film strips, and slides on agricultural and home economics subjects, and the production of photographs, charts, maps, and other visual educational material.

Other Activities:—The Extension Service represents the Clemson Agricultural College, which is the Land Grant College of the State, in conducting the educational work among farm people in connection with agricultural programs of the Federal government, such as the Agricultural Adjustment program, the Soil Conservation program, the Rural Electrification program, the Tennessee Valley Authority program, Farm Credit, and others. In addition, special programs, which involve the organization of agricultural resources, and other emergency programs of this nature are organized and conducted by the Extension Service.

LIVESTOCK SANITARY WORK

The function of the Livestock Sanitary Department is to assist livestock owners in the control and eradication of contagious, infections and communicable diseases of livestock and poultry. When requested, investigations are made, and when necessary, assistance is rendered in the treating of livestock. Advice is also given for the control and eradication of diseases. In cooperation with the Federal Government and other States, this department maintains quarantine measures to prevent, so far as possible, the introduction of diseased livestock into the State.

This department of the College maintains a fully equipped laboratory in Columbia for the purpose of assisting veterinarians and owners of livestock and poultry in making diagnoses which cannot always be made in the field.

While the main office of this department is in Columbia, Assistant State Veterinarians are located in various sections of the State where their services may be obtained on short notice upon request.

In addition to the regular force of veterinarians directly connected with the Columbia office, practicing veterinarians are commissioned as Deputy State Veterinarians and assist in the control and eradication of contagious and infectious diseases of livestock. At present there are seventy veterinarians so commissioned, and their locations are such that the Clemson College Livestock Sanitary Department is in position to render prompt service to livestock owners in all sections of the State.

The Clemson College Livestock Sanitary Department is fully equipped with large stocks of all classes of veterinary biologics for the control and eradication of contagious and infectious diseases of livestock. These products are used by our veterinarians in assisting with the control of contagious and infectious diseases and the owner pays for them on a cost basis.

This department is required by legislative enactment and supported by legislative appropriation.

CONTROL OF CROP PESTS AND DISEASES

The work of eradicating or preventing the introduction, spread or dissemination of any injurious insects and plant diseases is carried on under the direction of the State Crop Pest Commission. The State Entomologist and the State Pathologist have charge of this work under the commission.

The work of these officers consists in the control of contagious plant diseases and insect pests. Supervision of all nursery stock sold within the State is a duty of the Crop Pest Commission.

A permit tag issued by the State Crop Pest Commission should be attached to every package of nursery stock, seed, or plants offered for sale or shipment for planting purposes.

THE ENGINEERING EXPERIMENT STATION

The engineering experiment station of the Clemson Agricultural College was established by the Board of Trustees in July, 1924. Its purpose is to aid the present industries in the State to do research work on the material resources of the State with a view of leading to the establishment of new industries, to study methods of utilizing waste products, etc.

In addition to serving the industries of the State and helping to solve engineering problems for the agricultural interests, it is hoped, in cooperation with the stations of other states, to add to the store of scientific and engineering knowledge. The staff consists of well-trained men from the various schools and departments of the College. The laboratories of the several departments of engineering, as well as others, are available for the use of the station in its investigation.

During the war period the Engineering Experiment Station undertook worthwhile projects in cooperation with the War Production Board. Emphasis is now being placed upon special research in ceramics.

TEXTILE TESTING RESEARCH

The textile activities include a yarn testing service for the cotton mills of South Carolina. In addition, research studies on phases of yarn strength, shrinkage and take-up in fabrics, and the effect of dyes on nylon are under way. In cooperation with the Agronomy Department, an analysis is being made of cotton fibres grown on a variety of soils with various fertilizers.

Much of the textile research is undertaken in cooperation with the Bureau of Agricultural Economics of the United States Department of Agriculture. This work includes manufacturing tests of grades, staples, and varieties of cotton. Valuable reports based on this work are issued from time to time. Copies of these reports may be acquired by addressing either the College or the Bureau of Agricultural Economics, Washington, D. C.

ITINERANT TEACHER TRAINING IN VOCATIONAL EDUCATION

The College in cooperation with the State Department of Education is glad to assist those who teach vocational subjects in day trade schools and evening trade and industrial classes by supplying a trained man to assist in the work of organizing classes, organizing courses of study, making plans for teaching evening classes, and actually teaching vocational subjects. Requests for information regarding this service should be addressed to Mr. L. R. Booker, Itinerant Teacher Trainer, Industrial Education Department, Clemson, South Carolina.

The members of the staff of Agricultural Education visit all beginning teachers for the purpose of assisting them on the job and also for the purpose of collecting information which may prove helpful in improving the work of teacher training at the College. In addition, conferences of teachers are held and consulting services made available in the interest of the professional growth of agricultural teachers, the rendering of service to agricultural communities, and the development of leadership among agricultural youth through the program of the Future Farmers of America.

SHORT COURSES AND CONFERENCES

The facilities of the college are made available for special meetings, such as farm groups, religious organizations, and scientific societies; and arrangements are made for special short courses in poultry, beekeeping, food preservation, cotton classing, water supply and sanitation, etc. Such activities, undertaken in the interest of the general welfare, are encouraged by the College.

THE

CLEMSON

AGRICULTURAL

COLLEGE

RECORD

PART VII

Student Register

1947-1948

GRADUATES OF 1947

DEGREES CONFERRED FEBRUARY 9, 1947

School of Agriculture

Bachelor of Science Degree

General Agriculture

Max Livingston ---------- Salley

Agriculture—Agricultural Economics Major

William Dial Crapps ---------- Leesville
William J. Irving --- Keene Valley, N. Y.
Edwin Watson Nunnery ---------- Great Falls

Agriculture—Agronomy Major

Wofford Benjamin Camp, Jr. ---------- Bakersfield, Calif.
Samuel David Edmunds ----- McCormick
*James Henry Horton, Jr. --- Pendleton
Murray Thomas Pender ---------- Williston

Agriculture—Animal Husbandry Major

Gaston Gee ---------- Charlottesville, Va.
Lanier Cooke Howell ------ Georgetown
David Campbell Wylie, Jr. ---------- Winnsboro

Agriculture—Dairy Major

Alvin E. Bobrow ------ Brooklyn, N. Y.
Jesse Chappell Hiers ---------- Ehrhardt

Agriculture—Entomology Major

*John Sam Barker -------- Westminster
Cedric Roy Jordan, Jr. ---------- Marion
Ellison Chambers Nelson, Jr. ---------- Columbia

Agriculture—Horticulture Major

*Julian Paisley Mikell ---- Edisto Island
George Frederick Muller ---- Blythewood
Perry Maxwell Smith ------- Greenville
Charles Kenneth Stuart ------ Coronaca

Agricultural Engineering

Thomas L. Dobbins ---------- Townville
William Stephen Jones ------- Kershaw
Leland Wendell Kelley, Jr. -- Greenville
Joseph Calhoun Watson, Jr. Ridge Spring

School of Arts and Sciences

Bachelor of Science Degree

General Science

Frank Winston Fleu ----- Pikeville, Ky.
James Ward Free ---------- Jonesville
Albert McIlwaine Henry ------ Clemson
Ralph Benjamin Paysinger -- Ninety Six
Frank Wade Seyle ------ Savannah, Ga.
Wallace Wendell Steadman, Jr. ---------- Ridge Spring
James Wilson Webb, Jr. ------ Brunson

Pre-Medicine

Alfred China DeLorme, Jr. ---------- Maplewood, N. J.
Hermin Bruce Denny ------- Bishopville
Thomas Roland King ---------- McBee

School of Chemistry

Bachelor of Science Degree

Chemistry

Benjamin Hill Jackson ---------- Greenville

School of Engineering

Bachelor of Science Degree

Architectural Engineering

James Harold Miller ---------- Charleston

Bachelor of Civil Engineering Degree

*William Greer Albergotti, Jr.--Columbia
Robert Bowen Carpenter, Jr. ---------- Thomasville, N. C.
Joe Reid Goodman ---------- Clemson
J. W. Martin, Jr. ---------- Cowpens
Wesley McArthur Pitts -------- Camden
Robert Hampton Wiggins -- Little Rock
Guy Harvard Williams ----- Charleston

* With Honor

Bachelor of Electrical Engineering Degree

*Thomas Scott Armour, Jr. ___ Eastover
*William David Brackett _____ Florence
*Robert Charles Brown _____ Clemson
*John Robert Dickson _____ York
George Paul Graham _____ Greenville
Marvin Eugene Holcombe _____ Central
*Edgar Hutto, Jr. _____ St. George
*Joseph Griffin Mann _____ Greenville
Ladson Mills Massey ___ Charlotte, N. C.
Francis Benthall Saunders
_____ Aulander, N. C.
*Norman Wesley Skinner ___ Greenville
Lucius Ponder Thomas, Jr. __ Dacusville
John Edward Webb _____ Bishopville

Bachelor of Mechanical Engineering Degree

James Augustus Ballas
_____ Washington, D. C.
Benjamin Edward Bostick ____ Beaufort
Elliott Edward Dodson, Jr. ___ Columbia
Joseph Koger Fairey _____ St. Matthews
James Walter Hammond __ Williamston
Robert Davis Hemphill _____ Greenwood
Clarence Rollins Jones, Jr. ___ Islandton
William Pearce Martin _____ Columbia
Donald Harold Rader _____ Columbia
David Calder Salley _____ Saluda, N. C.
Thurman Braxton Sanders
_____ Dahlonega, Ga.

Bachelor of Electrical Engineering and Mechanical Engineering Degree

Wallace Arnold Storey _____ Greenville

School of Textiles

Bachelor of Science Degree

Textile Engineering

James Cline Austell, Jr. ___ Blacksburg
Joseph Davis Blalock _____ Camden
John Lester Brady _____ Spartanburg
*Thomas Edwin Christenberry, Jr.
_____ Greenville
*Joseph Walker Davis _____ Columbia
*Walter Marion Greer _____ Greenville
Wilbur B. Greyard, Jr. _____ Greenville
Henry Albert Josey _____ Anderson
Charles McLois Joye _____ Columbia
David Carlisle Lee _____ Whitmire
William McGowan Littlejohn
_____ Spartanburg
James Benteen McDonald __ Bolton, Ga.
Carl Frank Merritt _____ Piedmont
Joseph Burns Rhame _____ Sumter
Frank Cowles Rogers, Jr. __ Spartanburg
Carl William Sinclair _____ Greenville
Thomas Arnold Turner, Jr.
_____ Pocahontas, Miss.
*David Wilkins Walker _____ Anderson
William Marion Washington
_____ Honea Path

School of Vocational Education

Bachelor of Science Degree

Vocational Agricultural Education

Joseph Wilson Edens _____ Sumter
Charles Marion Mimms, Jr. _____ Elliott
Fred Morgan _____ Central
Raymond Malcolm Richbourg __ Camden
Carol Walton Rush _____ Greenwood

Education

Francis Marion Hurst _____ Anderson

DEGREES CONFERRED JUNE 8, 1947

School of Agriculture

Bachelor of Science Degree

Agriculture—Agricultural Economics Major

Roy Leon Allen _____ Rock Hill
Gabriel Henry Barnwell, II ___ Florence
David Robert Coggins _____ Inman
Dantzler Antley Kennerly _____ Cordova
William Sumter Reasonover ___ Camden
Luther Bell Rentz _____ Clemson
Harold Zekiel Smith ____ Anniston, Ala.
James Daniel Williams _____ Dacusville

Agriculture—Agronomy Major

Elbert Earl Bishop _____ Spartanburg
John Marion Bridges ____ Heath Springs
Arthur David Burnett _____ Sumter
Marion Jordan Carter ____ Timmonsville
David Alexander Dukes ____ Greeleyville
Charles Henry Fant _____ Anderson
Lewis Frontis Holmes _____ Trenton
Dan Heyward Horton _____ Pendleton
Harold Benjamine Kay _____ Easley
Bernard Morgan McCraw _____ Gaffney
*Henry Lakin Parr _____ Newberry
Henry C. Davis Salley _____ Salley
David Hugh Sloan, Jr. _____ Mullins

* With Honor

Agriculture—Animal Husbandry Major

Edwin Wilbur Allen, Jr. _____ Clio
Hugh Wilson Boozer _____ Leesville
*Donald M. Camp ____Bakersfield, Calif.
Paul Eugene Freeman ____ Steeds, N. C.
Johnson Edwin Hill _____ Florence
Joe Kenneth Jones _____ Dacusville
Will Lipscomb Kinard _____ Columbia
Felix Grundy Marbury _____ Albany, Ga.
Cecil Moody _____ Dillon
Richard Ferman Wheeler ____ Batesburg
Ralph Otto Williams _____ Gresham

Agriculture—Dairy Major

Truman Sigmon Bowers _____ Leesville
John William Dantzler _____ Eutawville
Malcolm Brodie Edens _____ Pickens
William Fred Irwin _____ Laurens
*John Wylie Lyle, Jr. _____ Richburg
Bernard Joseph Stanek _____ Lykesland

Agriculture—Entomology Major

Louie Hampton Senn _____ Pomaria

Agriculture—Horticulture Major

Joe Stribling Alexander _____ Seneca
William Lamar Johnson _____ Aiken
Thomas Henry Ryan _____ Trenton
Edward Berrien Sanders, Jr. ____ Ritter

Agricultural Engineering

Henry Zed Duffie, Jr. _____ Saluda
Rhett Felder Martin, Jr. _____ Anderson
Ansel S. Terry _____ Fountain Inn

School of Arts and Sciences

Bachelor of Science Degree

Arts and Sciences

William Franklin Anderson, Jr. _____ Ninety Six
George Benjamin Bishop__Moncks Corner

General Science

Thomas Harvey Belser _____ Summerton
Philip Clifton Chappell, Jr. __ Columbia
Linton Gerdine Holtzendorff __ Clemson
Roy Edward Long _____ Greenwood
Robert Harvey McElveen _____ Columbia
William Bryan Nunn _____ Andrews
Edward Laurence Bonnabel Osborne _____ Hardeeville
*Lynn Rogers _____ Clio
Lloyd Walker Salters _____ Johnston
*Ira Sheldon Slobodien__Plainfield, N. J.
Benjamin Edward Thrailkill, Jr._Laurens

Pre-Medicine

John McIver Ervin, Jr. _____ Darlington
*Henry Franklin Frierson _____ Union
Zack Hagan McCord _____ Hodges
Drayton Luther Nance, Jr. __ Newberry
Robert Franklin Poole, Jr. ____ Clemson
*Edward LeRoy Proctor _____ Conway
John Watson Rheney, Jr. __ Spartanburg
John Wesley Sanders, Jr. _____ Henderson, N. C.
Kent Thomas Woodward _____ Denmark
James Neal Workman _____ McCormick

School of Chemistry

Bachelor of Science Degree

Chemistry

*John Varn Cathcart _____ Bishopville
Joseph Arnold Gaines _____ Townville
*Samuel Bailey Nichols __ Savannah, Ga.
Karl Frederick Reich __ Melbourne, Fla.
Vernon Lee Turner, Jr. _____ Birmingham, Ala.

School of Engineering

Bachelor of Science Degree

Architectural Engineering

Francis Scott Davenport _____ Greenville

Architecture

*John Wieters Califf, Jr. ___ Charleston
Charles Frederick Carter, Jr. _____ Washington, D. C.
Jack Thurston Gray _____ Greenville
Henry Guilds Grimball ____ Johns Island
James Robert McCreary _____ Aiken
James Harold Miller _____ Charleston
Robert Griffin Parks ____ Hickory, N. C.
Joseph Oscar Raley, Jr. __ Bennettsville
*Edward Harper Shirley ____ Greenville
Rafael Sosa _____ Clemson
William Vaughan Strasser _____ Louisville, Ky.
James Tupper _____ Summerville
Jesse Pierce Williams _____ Callison

* With Honor

Chemistry-Engineering

James Kenneth Brown -- Travelers Rest
Virgil Wellborn Cook ----- Atlanta, Ga.
*Stanley Bernard Farbstein -- Beaufort
Evan Samuel Howell, Jr. ---- Columbia
Albert Lunney Meiburg -------- Clemson
Charles Allen Padgett
---------- Panama City, Fla.
Thomas Hopkins Peake, Jr. ----- Union
Albert Thomas Perry -------- Ridgeland
Claude Reuben Smith -------- Lancaster
Charles Ballenger Stewart ---- Woodruff
Frank Rowland Trowbridge, Jr. -- Aiken

Bachelor of Civil Engineering Degree

John Augustus Andrea ---------- Greer
Troy Lee Bowen ---------- Easley
Simon Fogarty, Jr. ---------- Charleston
Jack Warren Galway -------- Greenville
*Hoyt LeGrand Hendrick ------ Conway
Roy B. Jansson ----- Great Neck, N. Y.
Robert Kennedy McKinnon -- St. George
Harry Roy Mays ---------- Columbia
James Robert Potter ------ Spartanburg
Snead Schumacher ---------- Walhalla
*Marvin Ernest Wilson, Jr. -- Newberry

Bachelor of Electrical Engineering Degree

Charles Williams Bailey, Jr.
---------- Spartanburg
*Hartwell Elmore Blanton--Spartanburg
William Haynes Bridges--Heath Springs
Walker Denly Caughman, III--Columbia
Ralph Simpson Collins ------ Ninety Six
Thomas Fleming Dabney, Jr.--Rock Hill
Joseph Gray Dobbins -------- Anderson
Luther O'Neal Floyd -------- Lake City
Martin Luther Frick, Jr. ---- Greenville
*Thomas Marion Greer ---------- Greer
*James Wesley Hawkins ---- Greenwood
Harry Gandy Howle -------- Darlington
Joe Ariail Ivester ---------- Greenville
*Andrew Ross Jones -- Mt. Sterling, Ill.
Morris Wiley Jones ------- Spartanburg
Bertine Eugene Kratzer, Jr.
---------- Bethlehem, Pa.
*William Ernest McCown ---- Anderson
Benson Carwile McWhite ---- Abbeville
William Henderson Miller ---- Waterloo
John Moore Mintz -- East Haven, Conn.
Robert Campbell Muir ---- Atlanta, Ga.
Russell Hunter Park -------- Greenwood
Harold Fleming Pitts ---------- Clinton
Philip Harby Rosenberg ------ Abbeville
Bruce Hodgson Stribling, Jr. -- Clemson
George Allen Theodore ---- Spartanburg
Garnett Harold Walker ------- Clemson
Lloyd Andes Walker, Jr.---Atlanta, Ga.
William Harold Washington, Jr.
---------- Clemson

Bachelor of Mechanical Engineering Degree

Frank Camillo Andreuzzi--Hazelton, Pa.
Paul Clarence Aughtry, Jr. -- Greenville
George Hubert Aull, Jr. ------- Clemson
Richard Orin Belue ---------- Union
Henry Dietrich Biemann, Jr. -- Walhalla
Walter Howard Bishop, Jr.--Spartanburg
Fleming Hammond Boyd ---- Greenville
Joseph Slater Brown ---------- Clemson
Wilmer Lee Cagle
---------- Roanoke Rapids, N. C.
Richard Sease Cathcart, Jr. -- Hartsville
Robert Tildon Cathey ---- Canton, N. C.
Junius W. Chadwick, Jr. -------- Saluda
James Edward Chapman ------ Cross Hill
Henry Andrew Coleman --- Mt. Pleasant
Henry Ernest Crandall -------- Clemson
John Walter Cunningham ------ Lyman
Fred William DeVore, Jr. --- Ninety Six
John Avery Dodgen -------- Graniteville
Cyril Birchmore Fox, Jr. -------- Lodge
William Henry Franks -------- Clemson
Francis Waring Freeman --- Charleston
Robert N. Goethe ---------- Furman
Robert Briggs Hamilton ------ Rock Hill
Robert Tarrant Harrison ---------- Troy
Thomas Talbird Jenkins ------ Beaufort
Richard Porter Lange -------- Greenville
Francis Marion Lide -------- Hartsville
John Moore Marvin -------- Walterboro
William Harold Miller ---------- Moore
William Zimmerman Mims ----- Lamar
Walter Aubrey Moore --- Sandy Springs
Ervin Howard Murray ---- Orangeburg
Fenwick Hall Murray, Jr. ------ Sumter
*Warren Herbert Owen, Jr.---Rock Hill
William Sloan Peirce, -- Brockton, Mass
Atma Felder Phillips -- Charlotte, N. C.
Charles Henry Presher ------ Anderson
James Raymond Price ---------- Buffalo
Robert Fabien Ridgeway ---- Greenville
John Zack Robinette, Jr. ------ Pacolet
Warren Eugene Schreiber
---------- Rockland, Mass.
Walter Lee Terrell, Jr.
---------- Jacksonville, Fla.
Edward Lowry Thomas ------ Rock Hill
Benjamin Galletly Thompson ---- Lodge
Robert E. VanWart -- Manasquan, N. J.
Harrington Yates Villepigue --- Camden
*Thomas Vuksta, Jr. --- Hellertown, Pa.

School of Textiles

Bachelor of Science Degree

Textile Chemistry

*William Edwin Broadwell ----- Sumter
Ernest Thomas McIlwain---Atlanta, Ga.
*Ralph Fredrick Sherriff -------- Pelzer
Leon Tigler ---------- Charleston
James Kelly Waits ---------- Goldville
D. A. Watson ---------- Greenville

* With Honor

Textile Engineering

Ernest Earl Abernethy, Jr. ---------- Charlotte, N. C.
William Samford Baker, Jr.--Greenville
William Edwards Blackmon -- Lancaster
Walter Douglas Clark, Jr. ---------- Lexington, N. C.
Lewis Alexander Crawford ---- Goldville
James Earl Deaton ---------- Kershaw
Francis Bratton de Loach ---- Columbia
Paul Barmore Ellis, Jr. ---- Greenwood
Herbert Arnold Engel ------ Charleston
Noel Eugene Garvin ---- Concord, N. C.
Merritt Riggs Goodman ------ Rock Hill
George Harry Hendricks, Jr. ---- Easley
Fowler Jackson, Jr. -- Mt. Holly, N. C.
Edward Peter Kennedy ----- Summerton
William Harry King -------- Ninety Six
William Edward Lindsay -----Jonesville
John Brooks Lowman, Jr. --- Ballentine
William de Bohun McBee ---- Greenville
Linwood Francis McMackin -- Lancaster
William Otis McMullan, Jr.--Winder, Ga.
William Russel Martin ---- Spartanburg
Clyde Anthony Murchison ---- Anderson
Thomas Charles Perry, Jr. ---------- Columbus, Ga.
Robert E. Lee Pickens ------ Greenwood
Dewey William Quinn, Jr. ------ Pelzer
Edward Hays Reynolds ------ Columbia
Grady Patterson Robinson -- Lancaster
Albert A. Schneider -- E. Paterson, N. J.
James Edgar Seacord, Jr. --- Greenville
William Nesbitt Smith ------ Greenville
Clifton Alvin Sprouse ------- Abbeville
Charles Jackson Taylor ------- Laurens
Roy Benjamin Toms ---------- Clinton
Herbert Barrow Turner ---- Forest, Va.
William LaFayette Whisnant ---------- Charlotte, N. C.
William Clyde Whitten, Jr. --- Walhalla
Allen Erwin Williams ---------- Lyman

School of Vocational Education

Bachelor of Science Degree

Vocational Agricultural Education

Ralph Leonard Allison --------- Pauline
Aldrich A. Atkinson ---------- Gresham
Hubert Murchison Bedenbaugh ---------- Prosperity
C. Boykin Bell ---------- Great Falls
Elijah Denton Chastain, Jr. ---- Pickens
Frank Hendricks Chastain ----- Pickens
Ernest Jamerson Corley, Jr.--Lexington
Harry Edwin Culp ---------- Lancaster
Warren Hutson Eaddy ----- Hemingway
Charles Minge Emanuel, Jr. -- Rembert
Thomas Rucker Glenn ---------- Starr
Robert Lee Grigsby, Jr. -------- Saluda
William Harold Hanvey ---- McCormick
Boyd Alton Long ---------- Prosperity
Harrington Merritt Lowder -- Turbeville
James Lee Mason ---------- Seneca
William Hale Sherard, Jr. -- Ninety Six
Meady Mays Smith ---------- Anderson
Spencer Claude Smith --------- Madison

Industrial Education

Philip Doddridge Buie, Jr. ---- Denmark
Charles Whitney Cantrell, Jr. ---------- Spartanburg
Vincent McCoy Cox ---------- Denmark
Joseph Raymond Pinson ---- Greenville
Andrew John Stathakis -------- Chester
Walter Judson Stoudenmire, Jr. ---------- Orangeburg

Professional Degree of Civil Engineer

Howard Dailey Nottingham ---------- Dayton, Ohio

DEGREES CONFERRED AUGUST 21, 1947

School of Agriculture

Bachelor of Science Degree

Agriculture—Agronomy Major

Lesesne Andrew White ---------- Jamestown

Agriculture—Animal Husbandry Major

George Mell Gerrard --------- Anderson
James Ritter Thomas ------- Dacusville

Agriculture—Dairy Major

Henry Earl Branyon ------ Honea Path
Lawrence Edgar Stroud ------ Richburg

Agricultural Engineering

Maximo Antonio Fernandez ---------- Alajuela, C. R.
John Miller Goodman ------- Mountville
Howard Carlisle McClure, Jr. -- Chesnee
Louis Gray McGill ---------- Anderson

School of Arts and Sciences

Bachelor of Science Degree

Arts and Sciences

Thornley Curtis Cary, Jr. -- Honea Path
Claude Johnson Hipp ------- Greenwood

General Science

John Leon Allen --------- Pacolet Mills
John Gordon Ligon ----- Heath Springs
*Wilfred Edward Lipman --- Charleston
Frank Carl Peschl--Hendersonville, N. C.

Industrial Physics

John Mauldin Watkins, Jr. ---------- Greenwood

Pre-Medicine

Julius Eugene Campbell, Jr. --- Camden
James Elijah Carson ------ Spartanburg
Eugene Goldsmith Evans, Jr.--Pendleton
Joseph Theophilus Huggins--Johnsonville
Albert Isaac Levite -- Miami Beach, Fla.
Samuel Mark Rast ---------- Manning

School of Engineering

Bachelor of Science Degree

Architectural Engineering

David Phillips Watkins ---------- Anderson

Architecture

Robert Gibbes Fant ---------- Lockhart
Beverly LaFayette Freeman -- Anderson
John Talbot McCulloch ---------- Charlotte, N. C.

Chemistry-Engineering

Allison William Cooner ------ Johnston
George Franz Suhr ------- Augusta, Ga.

Bachelor of Electrical Engineering Degree

Joel Anderson Berly, Jr. ------ Clemson
Kenneth Leon Crawford ------- Clemson
James Edward Grier, Jr. -- Spartanburg
Harry Newstead Koolage, Jr.
---------- Annapolis, Md.
George Coates Milne, Jr. ----- Columbia
Henry Minge Reed, Jr.
---------- Panama City, Fla.
Herman Baer Speissegger, Jr.
---------- Charleston
Johnnie Ethan Sweatte, Jr. ----- Sumter

Bachelor of Mechanical Engineering Degree

Raymond Clayton Barrow --- Greenville
Marsden Beverly Carmichael
---------- Lynchburg
Patrick Lennox Clark -------- Anderson
James Leonard Dunlap ------ Hartsville
Joseph Lawrence King -------- Clemson
James Harold McIlwain ------ Lancaster
Robert Lindsay Perry ---- Columbus, Ga.
Frits Adolphe Pfersich
---------- Aerdenhout, Netherlands
Paul Jordan Reece ---------- Pickens
Clarence Eugene Webber -- Spartanburg
Francis Marion Young --------- Fairfax

School of Textiles

Bachelor of Science Degree

Textile Chemistry

Alexander Colin Sutherland ---------- Columbia

Textile Engineering

Jones William Brown ------- Greenville
James Roy Clark, Jr. -------- Walhalla
Richard Roland Crowther ----- Clemson
Mack Durell Heaton --------- Piedmont
Charles Royden Higgins ----- Greenville
Joseph Douglas Jolley ------- Anderson
Howard Ligon Jones ---------- Buffalo
Marvin Davis Lindsay -------- Clemson
Vasser Robert Mills -- Forest City, N. C.
James Mendenhall Perry
---------- Charlotte, N. C.
Robert M. Phillips -------- Spartanburg

School of Vocational Education

Bachelor of Science Degree

Vocational Agricultural Education

Tolleson Jackson Bratton ------ Gaffney
Grady Lamar Fincher ------ Lynchburg
William Ralph Jenkins ------ Anderson
Harry Wilson Rankin, Jr. ---- Allsbrook
Andrew Laurie Smoak, Jr. ----- Smoaks
Fulton Humphrey Stokes ---- Darlington
Charles Franklin Tisdale
---------- Bryson City, N. C.
Herbert Anderson Wall---Moncks Corner
Yankee Elbert Williams ------ Wagener
Jacob Maynard Wright ---------- Ward

Education

Charles Perry Wilson, Jr. ---------- Ridgeland

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* With Honor

GRADUATES OF 1947 BY MAJOR COURSES

SCHOOL OF AGRICULTURE	79
General Agriculture	1
Agricultural Economics	11
Agricultural Engineering	11
Agronomy	18
Animal Husbandry	16
Dairy	10
Entomology	4
Horticulture	8
SCHOOL OF ARTS AND SCIENCES	46
Arts and Sciences	4
General Science	22
Industrial Physics	1
Pre-Medicine	19
SCHOOL OF CHEMISTRY	6
Chemistry	6
SCHOOL OF ENGINEERING	170
Architectural Engineering	3
Architecture	16
Chemistry-Engineering	13
Civil Engineering	18
Electrical Engineering	51*
Mechanical Engineering	70*
SCHOOL OF TEXTILES	74
Textile Chemistry	7
Textile Engineering	67
SCHOOL OF VOCATIONAL EDUCATION	42
Vocational Agricultural Education	34
Education	2
Industrial Education	6
TOTAL GRADUATES OF 1947	417

*Includes one student who was graduated in both Electrical Engineering and Mechanical Engineering.

TOTAL GRADUATES BY MAJOR COURSES

1896 – 1947

Major Course	*Total*	*Major Course*	*Total*
Agriculture	248	Education	21
Agriculture and Animal Industry	80	Electrical Engineering	658
Agriculture and Chemistry	69	Engineering Industrial Education	70
Agricultural Chemistry	99	Entomology	110
Agricultural Economics	129	Forestry	8
Agricultural Education	197	General Science	348
Agricultural Engineering	113	Horticulture	271
Agronomy	464	Industrial Education	100
Animal Husbandry	244	Industrial Physics	4
Architectural Engineering	9	Mechanical Engineering	439
Architecture	206	Mechanical and Electrical Engineering	489
Arts and Sciences	141	Pre-Medicine	78
Bachelor of Science	3	Soils	9
Botany	11	Textile Chemistry	152
Chemical Engineering	49	Textile Engineering	716
Chemistry	213	Textile Industrial Education	85
Chemistry and Geology	11	Veterinary Science	16
Chemistry-Engineering	42	Vocational Agricultural Education	407
Civil Engineering	610	Weaving and Designing	42
Dairy	207		

Double Majors

Agricultural Chemistry and Arts and Sciences	1
Agricultural Chemistry and General Science	1
Agricultural Economics and Animal Husbandry	1
Agricultural Economics and Vocational Agricultural Education	1
Animal Husbandry and Vocational Agricultural Education	2
Animal Husbandry and Agricultural Education	3
Animal Husbandry and Dairy	2
Architecture and Architectural Engineering	9
Arts and Sciences and Agricultural Economics	1
Chemistry and Chemical Engineering	1
Chemistry and Chemistry-Engineering	1
Chemistry and General Science	1
Chemistry and Industrial Physics	1
Chemistry and Agricultural Chemistry	1
Civil Engineering and Chemistry and Geology	2
Electrical Engineering and Mechanical Engineering	15
General Science and Electrical Engineering	1
Horticulture and Agronomy	1
Textile Engineering and Mechanical and Electrical Engineering	1
Textile Engineering and Textile Industrial Education	1
Textile Engineering and Weaving and Designing	1
Total Graduates from 1896 through 1947	7212

LIST OF STUDENTS, 1947 SUMMER TERM

The names are arranged in alphabetical order and following the names are symbols indicating classes and courses. The classification of undergraduates is indicated by numerals as follows: 1—Freshman, 2—Sophomore, 3—Junior, 4—Senior.

The abbreviations following the numerals refer to the student's major course: A-Agriculture (unclassified as to major course), Ag Ec-Agricultural Economics, Agron-Agronomy, AH-Animal Husbandry, Bot-Botany, Dairy-Dairy, Ent-Entomology, Hort-Horticulture, Poul-Poultry, Ag-En-Agricultural Engineering, Pre-For-Pre-Forestry; A&S-Arts and Sciences, GS-General Science, Ind Phys-Industrial Physics, Pre-Med-Pre-Medicine; Chem-Chemistry; E-Engineering (unclassified as to major course, but the abbreviation following the "E" indicates a preliminary choice of major course), Arch-Architecture, Ar En-Architectural Engineering, Ch En-Chemical Engineering, Ch-En-Chemistry-Engineering, CE-Civil Engineering, EE-Electrical Engineering, ME-Mechanical Engineering; T-Textiles (unclassified as to major course, but the abbreviation following the "T" indicates a preliminary choice of major course), TC-Textile Chemistry, TE-Textile Engineering, TM-Textile Manufacturing; VAE-Vocational Agricultural Education, Ed-Education, Ind Ed-Industrial Education.

New Students admitted in June, 1947, are indicated by an asterisk (*).

Name and Course	Address
Abbott, L. D. (2 ME)	Seneca
Abrams, A. E. (2 TM)	Anderson
Abrams, I. E. (3 TM)	Spartanburg
Ackerman, R. E. (2 Pre-Med)	Moncks Corner
Adams, J. H. (3 CE)	Greenville
Aguilar, J. E. (2 TM)	Alajuela, C. R.
Aiken, F. V. (1 E-TE)*	Bath
Alexander, J. F. (3 Ag Ec)	Anderson
Alexander, M. C. (1 Chem)	Walhalla
Alexanler, O. (4 VAE)	Central
Alford, W. E. (1 Pre-For)	Charleston
Allen, G. A. (2 A-Agron)	Franklin, Tenn.
Allen, J. L. (4 GS)	Pacolet Mills
Allen, O. L. (3 EE)	Walhalla
Allen, R. L. (3 ME)	Greenville
Anderson, C. P. (3 TM)	Lexington, N. C.
Anderson, G. W. (3 ME)	Gastonia, N. C.
Anderson, J. B. (4 TE)	Fairforest
Anderson, N. C. (4 AH)	Abbeville
Anderson, N. S. (4 TE)	Piedmont
Andrews, L. V. (2 TM)	Cedartown, Ga.
Anthony, A. B. (2 ME)	Pickens
Archer, C. L. (3 GS)	Anderson
Armstrong, D. F. (3 Pre-Med)	Greenville
Armstrong, J. W. (4 CE)	Laurens
Armstrong, L. W. (2 TC)	Charleston
Arnette, J. H. (3 Ag En)	Conway
Arnold, T. L. (1 E-EE)	Woodruff
Arnts, G. W. (1 E-CE)	North Tonawanda, N. Y.
Arve, J. E. (1 Pre-Med)*	Cumberland, Md.
Ashley, G. H. (3 ME)	Ware Shoals
Ashley, J. (3 Agron)	Ellenton
Ashley, W. E. (3 TM)	Pendleton
Ashley, W. M. (2 TM)	Anderson
Ashmore, J. P. (3 CE)	Greenville
Askey, M. M. (3 Ent)	North Augusta
Atkins, W. G. (2 TM)	Anderson
Attaway, H. B. (2 Pre-For)	Beaufort
Aycock, E. R. (2 TM)	Greenville
Ayers, J. F. (4 ME)	Greenville
Bagwell, C. E. (3 EE)	Spartanburg
Bailey, B. D. (2 EE)	Heath Springs
Bailey, J. N. (4 EE)	Greenwood
Bailey, W. P. (2 Pre-Med)	Greenwood
Baker, E. R. (2 ME)	Great Falls
Balentine, E. H. (PG CE)	Greenwood
Ball, W. L. (3 EE)	Laurens
Ballew, W. C. (2 TM)	Easley
Bangle, H. D. (4 Arch)	Salisbury, N. C.
Bankhead, T. E. (2 CE)	Sharon
Banks, E. R. (3 CE)	Savannah, Ga.
Barfield, D. A. (3 VAE)	Kershaw
Barker, H. V. (2 ME)	Seneca
Barnes, G. T. (2 A&S)	Savannah, Ga.
Barnes, L. A. (3 Ind Ed)	Rock Hill
Barnett, E. W. (2 TM)	Great Falls
Barnett, J. E. (2 Pre-Med)	Marietta
Barnett, P. G. (4 TC)	Aiken
Barrett, C. M. (2 TC)	Lancaster
Barrow, R. C. (4 ME)	Greenville
Barton, E. B. (3 EE)	Winnsboro
Barton, P. H. (4 ME)	Travelers Rest
Baskin, R. R. (4 Dairy)	Bishopville
Bates, B. L. (2 CE)	Hartsville
Bates, E. (2 TM)	Rock Hill
Bates, S. W. (2 EE)	Navy Yard
Bates, W. E. (4 TE)	Spartanburg
Bauknight, L. M. (G Ag Ec)	Clemson
Baxley, D. C. (2 Pre-Med)	Kershaw
Baxley, O. E. (4 AH)	Kershaw
Beach, H. F. (3 Agron)	Walterboro
Beach, M. G. (2 Chem)	Walterboro
Beam, C. C. (4 VAE)	Lawndale, N. C.
Beam, D. G. (1 E-CE)	Spartanburg
Bearden, H. J. (2 TM)	Cliffside, N. C.
Bearden, M. E. (1 Pre-For)	Walhalla
Beaty, F. E. (2 ME)	Charleston
Bedell, D. M. (3 A)	Ridgeland
Bell, C. C. (2 A-Ag Ec)	Marion
Bell, K. R. (4 AH)	Lydia
Bellamy, O. H. (3 EE)	Florence
Benton, O. F. (2 TM)	Eufaula, Ala.
Berger, K. (2 Ar En)	Baltimore, Md.
Berly, J. A. (4 EE)	Clemson
Berly, R. H. (3 EE)	Lexington
Berman, E. G. (4 TE)	Brooklyn, N. Y.
Berry, W. W. (1 A&S)	Greenville
Bianchi, C. A. (3 Ind Ed)	Blythewood
Bird, L. S. (4 Agron)	Greenville
Biser, H. H. (2 Ag En)	Columbia
Bishop, J. C. (3 Hort)	Frogmore
Black, J. A. (2 TM)	York

Name and Course	Address
Black, J. B. (3 TM)	Honea Path
Black, J. T. (3 VAE)	Leesville
Blackmon, W. N. (4 ME)	Rock Hill
Blackwell, H. D. (3 Ar En)	Newry
Blair, A. E. (3 EE)	Greenville
Blakely, E. (4 TE)	Aiken
Bloxham, A. W. (2 TM)	Lyman
Bloxham, H. C. (2 EE)	Lyman
Blythe, J. W. (2 ME)	Pelzer
Boazman, E. R. (4 AH)	Chappells
Bobo, T. P. (2 EE)	Greenville
Bodie, W. G. (3 EE)	Wagener
Bodiford, H. O. (1 Pre-For)*	Clemson
Boggs, R. H. (2 TC)	Anderson
Boggs, R. V. (3 VAE)	Seneca
Bolick, R. A. (2 TM)	Brookford, N. C.
Boliek, W. P. (3 EE)	Central
Boliver, T. E. (3 A&S)	Columbia
Bolt, I. P. (1 T-TM)	Anderson
Bonds, R. S. (3 EE)	Georgetown
Bonnette, G. H. (G Ag Ec)	Florence
Boozer, J. S. (4 VAE)	Chappells
Boston, R. S. (1 E-ME)*	Columbia
Bouknight, J. E. (2 EE)*	Newberry
Bowen, R. H. (2 EE)	Greenville
Bowen, W. K. (2 EE)	Piedmont
Bowers, G. W. (2 EE)	Central
Bowers, J. H. (2 Pre-Med)	West Union
Boyd, G. M. (2 ME)	Spartanburg
Boykin, L. H. D. (4 Hort)	Boykin
Boykin, P. S. (4 ME)	Boykin
Bozard, J. D. (4 Ag Ec)	Orangeburg
Brackett, G. D. (2 ME)	Rock Hill
Bradfield, J. W. (2 CE)	Charlotte, N. C.
Bradford, F. P. (4 Ag En)	Sumter
Bradham, L. L. (3 A&S)	Sumter
Branyon, H. E. (4 Dairy)	Honea Path
Braswell, H. A. (4 ME)	Marion
Bratton, T. J. (4 VAE)	Gaffney
Bright, H. E. (1 T-TM)	Liberty
Brock, J. G. (2 TM)	Whitmire
Brockman, E. D. (2 Ch En)	Greenville
Broome, W. B. (1 Ind Ed)	Landrum
Brown, C. L. (3 VAE)	Anderson
Brown, E. G. (2 EE)	Iva
Brown, H. E. (4 TE)	Greenville
Brown, J. L. (4 TE)	Hartwell, Ga.
Brown, J. M. (3 A&S)	Mountain Rest
Brown, J. W. (4 TE)	Greenville
Brown, R. S. (1 E-TE)	Clemson
Brown, S. C. (3 ME)	Charleston
Brown, W. M. (2 TM)	Greenville
Brown, W. M. (1 E-ME)	Waycross, Ga.
Bruce, A. C. (3 CE)	Seneca
Brunson, E. M. (2 Arch)	Estill
Brunson, J. F. (3 CE)	Fairfax
Brutcher, C. K. (1 Pre-Med)	Savannah, Ga.
Buchanan, K. H. (2 TE)	Anderson
Buchanan, L. H. (4 TE)	Marietta
Buchman, D. I. (3 EE)	New York, N. Y.
Bull, F. A. (2 EE)	Greenville
Bunger, A. W. (2 ME)	Savannah, Ga.
Burley, R. H. (4 Pre-Med)	Clemson
Burnette, H. W. (S)	Clemson
Burns, L. E. (3 TE)	Greenville
Burns, W. H. (4 TE)	Clemson
Burton, C. J. (1 E-ME)*	Westminster
Burton, J. A. (2 Arch)	Greensboro, N. C.
Byars, E. F. (PG ME)	Rock Hill
Byars, W. A. (1 E-ME)	Lowrys
Byrd, J. A. (2 TM)*	Greenville
Cagle, M. E. (2 A)	Andrews
Calhoun, J. P. (3 CE)	Sumter
Calhoun, J. R. C. (4 GS)	Dillon
Calvert, L. (2 TM)	Mount Holly, N. C.
Cameron, F. B. (2 TE)	Greenville
Campbell, J. E. (4 Pre-Med)	Camden
Campbell, W. L. (2 TM)	Greenville
Cannon, C. B. (2 EE)	Laurens
Capelle, C. D. (2 EE)	Clemson
Cappelmann, E. H. (4 ME)	Columbia
Carlton, C. C. (3 TE)	Anderson
Carmichael, M. B. (4 ME)	Lynchburg
Carroll, C. R. (2 A)	Blackville
Carroll, J. H. (1 E-TE)	Anderson
Carson, A. B. (3 EE)	Greenville
Carson, J. E. (4 Pre-Med)	Spartanburg
Carson, L. A. (3 TM)	Orangeburg
Carter, C. C. (3 VAE)	Leo
Carter, J. H. (4 TM)	Newton, N. C.
Carter, J. R. (2 EE)	Greenville
Carter, L. D. (3 Dairy)	Ehrhardt
Carter, W. C. (2 VAE)	Catawba
Cartwright, T. C. (4 AH)	York
Cary, T. C. (4 A&S)	Honea Path
Cashion, M. H. (2 EE)	Greenwood
Castles, D. F. (2 EE)	Winnsboro
Cates, J. W. (1 E-ME)*	Seneca
Cathcart, W. R. (2 Ind Ed)	Spartanburg
Cato, L. (3 A&S)	Monetta
Cato, L. F. (4 AH)	Monetta
Caughman, K. G. (4 ME)	Elizabeth, N. J.
Cauthen, V. W. (3 EE)	Greenville
Chalker, A. L. (2 ME)	South Orange, N. J.
Chalmers, L. V. (2 EE)	Greenwood
Chambers, J. E. (1 E-EE)	Piedmont
Chamness, E. (2 Ag En)	Bennettsville
Champion, J. C. (3 ME)	Shelby, N. C.
Chandler, J. C. (2 A&S)	Westminster
Chaplin, J. F. (4 Agron)	Myrtle Beach
Chaplin, R. L. (3 Ind Phys)	Ridgeland
Chapman, W. H. (3 EE)	Piedmont
Chapman, W. M. (3 TM)	Spartanburg
Charles, T. L. (1 E-EE)	Greenwood
Chastain, R. C. (4 VAE)	Pickens
Chastain, W. B. (4 Ag En)	Pickens
Cheatham, C. E. (4 Arch)	Greenville
Cheezem, C. K. (4 CE)	Andrews
Childers, W. G. (4 Ind Ed)	Central
Childers, W. J. (2 TM)	York
Childress, J. R. (1 A)	Six Mile
Chovan, T. M. (1 E-EE)	Bethlehem, Pa.
Clanton, R. M. (2 Pre-Med)	Darlington
Clardy, J. E. (2 VAE)	Wampee
Clark, B. D. (2 VAE)	Johnston
Clark, J. R. (4 TE)	Walhalla
Clark, P. L. (4 ME)	Anderson
Clayton, R. M. (2 CE)	Pickens
Clayton, W. T. (3 Agron)	Central
Clemmer, R. H. (4 Hort)	Ridgeland
Cleveland, W. T. (1 T-TM)	Anderson
Clinkscales, M. M. (2 TM)	Abbeville
Cloaninger, B. D. (S Agron)	Clemson
Cobb, J. C. (2 TM)	Cateechee
Cockrell, C. T. (3 TE)	Ft. Worth, Tex.
Coclin, C. G. (4 Dairy)	Beaufort
Coffey, E. S. (4 CE)	Manning
Coker, F. T. (3 TM)	Columbia
Cole, C. C. (1 E-EE)	Greenville
Coleman, A. B. (3 Agron)	Anderson
Coleman, W. R. (2 CE)	Saluda
Collings, T. A. (2 Pre-Med)	Clemson
Collins, J. M. (3 ME)	Greenville
Compton, B. O. (3 Ind Ed)	Greenwood
Conn, J. R. (2 TE)	Woodruff
Connelly, G. W. (2 EE)	Newberry
Connor, J. D. (2 Pre-Med)	Walterboro
Connor, J. R. (1 A)	Eutawville
Cook, C. C. (3 EE)	Prosperity
Cooper, J. W. (3 ME)	Spartanburg
Cooper, W. P. (1 T-TM)	Columbia
Cope, J. H. (4 Dairy)	Cope
Corley, E. J. (2 TE)	Ninety Six
Corley, L. P. (2 TM)	Harrison, N. Y.
Corn, J. P. (2 VAE)	Greenville
Cornette, J. J. (2 Pre-For)	Oakridge, Tenn.

Name and Course	Address
Cornwell, J. C. (2 Pre-Med)	Leeds
Costello, W. V. (1 A&S)	Georgetown
Cothran, B. A. (1 Pre-Med)	Pickens
Cotten, T. R. (3 CE)	Charleston
Cousins, C. E. (4 Dairy)	Columbia
Cox, C. D. (1 E-Ch En)	Albany, Ga.
Craig, J. T. (2 Ag En)	Pickens
Crawford, C. M. (3 Chem)	Greenville
Crawford, H. O. (3 Ag Ec)	Clemson
Crawford, J. H. (2 A-Hort)	Clemson
Crawford, K. L. (PG EE)	Clemson
Crawford, R. L. (3 ME)	Savannah, Ga.
Creech, H. L. (1 A)	Olar
Crenshaw, C. L. (2 A-Ag Ec)	Pendleton
Cross, D. E. (2 EE)	Georgetown
Crouch, R. W. (1 E-EE)	Greenville
Crowther, R. R. (4 TE)	Clemson
Crowther, W. F. (PG VAE)	Due West
Crumpton, C. H. (4 TE)	Orangeburg
Curran, J. F. (1 E-EE)	Portsmouth, Va.
Dacus, H. C. (1 E-ME)	Dacusville
Dacus, J. R. (2 ME)	Easley
Darlington, S. P. (4 ME)	Mount Pleasant
Davenport, R. E. (4 Pre-Med)	Williamston
Davis, D. (4 Agron)	Seneca
Davis, E. L. (3 TM)	Pelzer
Davis, G. S. (3 TE)	Greenville
Davis, J. M. (2 VAE)	Norway
Davis, M. V. (2 ME)	Wedgefield
Davis, V. G. (3 EE)	Greer
Davis, W. (1 T-TM)	Greenville
Davis, W. L. (3 ME))	Easley
Demosthenes, S. A. (3 CE)	Beaufort
Dent, J. E. (1 A&S)	Columbia
Denton, D. W. (3 CE)	Decatur, Ga.
Derrick, B. M. (4 TE)	Irmo
Derrick, C. W. (4 VAE)	Columbia
Devlin, J. R. (4 ME)	Greenwood
DeVore, W. N. (3 CE)	Ninety Six
Dilfield, R. E. (2 Ar En)	Newport News, Va.
Dillard, C. R. (3 VAE)	Seneca
Dobbins, J. P. (2 EE)	Spartanburg
Dobson, J. W. (2 A-Agron)	Central
Dobson, R. T. (1 E-CE)	Central
Dodson, C. A. (3 Chem)*	Greenville
Donegan, T. D. (2 Chem)	Woodruff
Donkle, I. L. (3 TM)	Greenville
Donovan, R. D. (1 E-Ag En)	Birmingham, Ala.
Doolittle, A. M. (3 EE)	Athens, Ga.
Dorsey, M. H. (3 EE)	Navy Yard
Douglass, H. A. (2 Ag En)	Columbia
Doyle, C. B. (3 A)	Anderson
Doyle, O. H. (2 A&S)	Anderson
Dreher, F. E. (4 Pre-Med)	West Columbia
Drew, R. M. (3 A&S)	Ridgeland
Driver, B. (2 EE)	Westminster
Dubose, R. C. (4 Agron)	Lamar
Dukes, D. E. (2 Arch)	Orangeburg
Dunaway, T. W. (3 Chem)	Thomaston, Ga.
Duncan, B. A. (2 TM)	Six Mile
Dunlap, H. L. (3 ME)	Rock Hill
Dunlap, J. L. (4 ME)	Hartsville
Dunn, D. L. (1 E-EE)	Warrenville
Dunn, J. C. (1 E-ME)	Central
Dusenberry, F. C. (2 TM)	Donalds
Dusenberry, G. R. (PG ME)	Due West
Dwyer, J. F. (3 ME)	Columbus, Miss.
Earle, E. B. (3 VAE)	Central
Edney, E. P. (2 Ar En)*	Charleston
Edney, R. H. (2 Ar En)	Asheville, N. C.
Edwards, D. C. (3 ME)	Fountain Inn
Eleazer, G. W. (2 TM)	Columbia
Ellis, C. W. (2 Pre-For)	Estill
Elms, D. F. (3 TM)	Fort Mill
Elrod, C. V. (4 TE)	Central
Elrod, M. C. (3 TM)	Piedmont
Emanuel, F. C. (4 Hort)	Rembert

Name and Course	Address
Emerson, J. H. (3 Ch En)	Atlanta, Ga.
Emory, W. C. (1 E-EE)	Gastonia, N. C.
Enloe, W. P. (3 TM)	Roanoke, Ala.
Epps, S. (3 TM)	Fort Mill
Epting, J. F. (2 EE)	Charleston
Eskridge, K. C. (1 Pre-Med)	Cheraw
Eskridge, W. (2 CE)	Cheraw
Estes, S. R. (2 A-Hort)	Greenville
Estridge, I. M. (3 VAE)	Lancaster
Euwer, D. B. (4 GS)	Greenville
Evans, E. G. (4 Pre-Med)	Pendleton
Exum, C. P. (4 Arch)	Salisbury, N. C.
Fairey, T. B. (2 EE)	Orangeburg
Fairey, W. S. (2 A)	Orangeburg
Falls, H. (3 AH)	Asheville, N. C.
Fanning, M. H. (2 VAE)*	Newberry
Fant, R. G. (4 Arch)	Lockhart
Farah, A. D. (4 Ind Ed)	Whitmire
Farah, C. E. (3 Ag En)	Whitmire
Farmer, A. R. (1 Pre-For)	Mountain Rest
Farris, W. E. (2 EE)	Rock Hill
Fellers, Q. H. (2 TM)	Prosperity
Fendley, J. E. (2 TM)	Westminster
Fernandez, M. (4 Ag En)	Alajuela, C. R.
Fields, L. J. (2 VAE)	Lamar
Fincher, G. L. (4 VAE)	Lynchburg
Fisher, L. (3 TE)	Belton
FitzSimons, F. L. (2 Ag En)	Hendersonville, N. C.
FitzSimons, W. S. (PG Ar En)	Charleston
Flemming, W. R. (3 AH)	Gable
Florence, O. G. (2 EE)	Wrens, Ga.
Flowers, H. S. (4 ME)	Sumter
Floyd, L. W. (3 AH)	Manning
Floyd, P. R. (2 CE)	Greenville
Folk, D. P. (2 CE)	Denmark
Folk, R. H. (3 Ind Ed)	Belton
Foreman, F. L. (3 Agron)	Ellenton
Foster, P. F. (3 TM)	Fountain Inn
Foster, R. R. (2 VAE)	Chesnee
Foster, T. S. (2 CE)	Greenville
Foster, W. R. (3 Ar En)	Greenville
Fowler, H. W. (3 TE)	Union
Fowler, J. B. (1 E-ME)*	Greenville
Fowler, J. W. (3 CE)	Gaffney
Fowler, R. D. (1 T-TM)	Anderson
Fowler, W. (1 E-EE)	Pacolet Mills
Fox, T. S. (4 GS)	Ravenel
Foy, H. B. (2 Arch)*	Waynesville, N. C.
France, T. N. (4 TE)	Spartanburg
Franks, H. L. (2 CE)	Greenville
Frazer, J. W. (3 Pre-Med)	Charlotte, N. C.
Freeman, B. L. (4 Arch)	Anderson
Freeman, C. Edward (1 T-TM)	Greenville
Freeman, C. Edwin (3 AH)	Liberty
Frick, C. B. (3 TE)	Clifton
Frick, W. H. (2 TM)	Newberry
Friday, J. B. (4 Chem)	Charleston
Frye, R. S. (4 ME)	Atlanta, Ga.
Furr, E. F. (1 Pre-Med)	Rock Hill
Gaddis, R. S. (2 Ar En)	Taylors
Gaddy, J. D. (1 T-TM)	McColl
Gaillard, J. W. (1 T-TM)	Walhalla
Gaillard, W. L. (4 Pre-Med)	Williamston
Gainer, C. E. (2 Ed)	Lancaster
Gaines, H. P. (2 EE)	Honea Path
Gaines, J. R. (2 TM)	Liberty
Gallivan, H. F. (2 CE)	Greenville
Gambrell, C. B. (3 ME)*	Birmingham, Ala.
Gambrell, C. E. (3 VAE)	Piedmont
Gambrell, H. M. (2 Ag En)	Owings
Gardner, J. E. (3 TM)	Goldville
Garner, R. L. (4 TE)	Union
Garraux, J. H. (4 ME)	Greenville
Garren, C. F. (4 TE)	Greenwood
Garren, C. H. (1 T-TM)	Calhoun, Ga.
Garrett, J. B. (3 EE)	Woodruff
Garrett, J. L. (3 TM)	Belton

Name and Course	Address
Garrett, J. P. (3 A&S)	Greenville
Garrison, W. H. (1 Arch)	Columbia
Gaston, W. W. (2 A-AH)	Richburg
Gaulden, D. H. (3 CE)	Rock Hill
Gault, J. D. (3 A&S)	Blacksburg
Geddings, S. B. (2 EE)	Wedgefield
Gentry, T. H. (2 VAE)	Summerton
Gerrard, G. M. (4 AH)	Anderson
Gerritsen, B. H. (3 Chem)	Anderson
Gervais, J. L. (4 CE)	Johns Island
Gibbons, L. W. (2 VAE)	Turbeville
Gibson, E. L. (1 E-Ag En)	Charlotte, N. C.
Gignilliat, W. W. (4 Ch-En)	Macon, Ga.
Gillespie, J. W. (4 Chem)	Walhalla
Gilliland, J. F. (1 E-ME)	Iva
Gilmore, W. F. (1 Ind Ed)	Santuck
Gilreath, J. H. (3 ME)	Greenville
Ginter, W. C. (2 EE)	Charlotte, N. C.
Glenn, F. E. (4 TE)	Greer
Glenn, G. A. (3 TE)	Fair Play
Goldsmith, D. L. (3 Pre-Med)	Greenville
Gooch, F. M. (1 Ar En)	Spartanburg
Goodman, J. M. (4 Ag En)	Mountville
Goodwin, W. T. (3 EE)	Spartanburg
Graham, W. D. (4 TE)	Rock Hill
Gramling, A. C. (4 Agron)	Orangeburg
Gramling, A. S. (4 Agron)	Orangeburg
Gramling, C. S. (2 EE)	Orangeburg
Gramling, J. M. (2 A-AH)	Orangeburg
Gray, J. R. (3 Arch)	Anderson
Gray, W. J. (4 Agron)	Savannah, Ga.
Green, E. H. (2 VAE)	Dyersburg, Tenn.
Greene, E. H. (3 TE)	Greenwood
Gregg, W. B. (2 Ind Ed)	Kingstree
Gregory, W. C. (3 Arch)	Chesnee
Grier, J. E. (4 EE)	Spartanburg
Griffin, F. F. (3 TM)	Greenville
Guess, J. F. (2 EE)	Greenville
Gwinn, J. D. (1 E-ME)*	Greenville
Gwinn, W. R. (3 CE)	Roebuck
Haddon, C. J. (2 TE)	Abbeville
Hagan, L. D. (2 EE)	Greenwood
Haigler, J. S. (4 Arch)	Charleston
Haines, C. E. (4 AH)	Hyattsville, Md.
Hair, T. L. (3 TM)	Anderson
Hale, W. R. (2 EE)	Greenville
Hall, M. B. (3 Ag En)	York
Hall, R. A. (3 VAE)	Camden
Hall, T. C. (1 A)	Mt. Ulla, N. C.
Hamer, J. W. (2 Ar En)	Tatum
Hamilton, L. C. (1 A-Hort)	Easley
Hammett, L. R. (3 EE)	Gaffney
Hammett, R. H. (3 TM)	Walhalla
Hammond, A. F. (2 EE)	Florence
Hammond, G. F. (2 VAE)	Seneca
Hammond, H. D. (2 A)	Seneca
Hammond, L. H. (2 A-Ag Ec)	Seneca
Hammond, W. T. (4 ME)	Charleston
Hamrick, R. Y. (2 ME)	Boiling Springs, N. C.
Hancock, R. B. (3 Ent)	Ruby
Hand, A. M. (4 TC)	Hardeeville
Hardaway, H. M. (2 CE)	Dillon
Hardee, F. F. (2 EE)	Conway
Hare, W. W. (2 ME)	Madison
Hargrove, R. C. (3 Ind Ed)	Miami, Fla.
Harrelson, M. W. (3 ME)	Georgetown
Harrington, R. P. (4 TE)	Manning
Harris, G. J. (4 VAE)	Madison
Harris, J. W. (4 VAE)	Madison
Harris, W. A. (1 E-Ag En)	Westminster
Harrison, A. C. (2 TM)	Spartanburg
Harrison, H. H. (2 CE)	Greenville
Harrison, J. A. (1 E-ME)	Clemson
Harrison, M. M. (2 VAE)	Pelzer
Hart, J. C. (2 A-Dairy)	Greenville
Hart, J. D. (2 EE)	Kelton
Hastings, J. W. (2 TC)	Chester
Hastings, S. W. (1 A-Ag Ec)	Norfolk, Va.
Hay, D. E. (4 Ag En)	Johns Island
Hay, E. G. (3 CE)	Charleston
Haynes, G. C. (2 CE)	Cliffside, N. C.
Hayslip, C. C. (3 ME)	Spartanburg
Hazle, J. D. (2 TE)	Woodruff
Heaton, C. E. (3 TE)	Piedmont
Heaton, J. L. (3 TC)	Anderson
Heaton, M. D. (4 TE)	Piedmont
Hedgepath, H. D. (1 Arch)*	Columbia
Helms, J. M. (4 A&S)	Rock Hill
Hemminger, J. M. (3 GS)	Willington
Hemphill, G. F. (4 TC)	Greenwood
Hendrix, J. L. (3 EE)	Anderson
Hendrix, R. C. (3 TE)	Greenville
Herlong, P. B. (4 VAE)	Johnston
Herns, C. K. (4 ME)	Charleston
Hewin, L. M. (4 ME)	Ware Shoals
Hicklin, R. M. (3 TE)	Richburg
Hicks, J. F. (2 Ag En)	York
Higdon, R. J. (3 Hort)	Gay, N. C.
Higgins, C. R. (4 TE)	Easley
Hildebrand, E. J. (2 ME)	Washington, D. C.
Hill, J. D. (2 ME)	Sanford, N. C.
Hill, J. T. (3 EE)	Timmonsville
Hills, M. W. (3 Hort)	Johns Island
Hilton, A. S. (2 Chem)	Charleston
Hindman, C. C. (3 EE)	Greenville
Hipp, C. J. (4 A&S)	Greenwood
Hix, E. L. (2 Pre-Med)	Rock Hill
Hodge, C. R. (2 Pre-Med)	Alcolu
Hoke, H. R. (3 TE)	Newton, N. C.
Holcombe, C. W. (2 ME)	Greenville
Holcombe, W. G. (3 ME)	Greenville
Holden, R. M. (3 Ed)	Clemson
Holden, W. I. (1 Arch)	Central
Holland, G. H. (2 Arch)	Fountain Inn
Holland, J. P. (3 TE)	Columbia
Holland, M. (3 EE)	Bowersville, Ga.
Hollembeak, H. A. (4 ME)	Greenville
Hollingsworth, A. W. (3 A&S)	Greenwood
Hollis, N. M. (2 TM)	Rock Hill
Hollis, T. J. (2 Arch)	Union
Holroyd, R. F. (2 Arch)	Anderson
Honeycutt, R. G. (2 TC)	Marion, N. C.
Hood, R. W. (2 EE)	Greenville
Hooker, B. A. (4 EE)	Greenville
Hoots, D. (1 VAE)	Edneyville, N. C.
Horne, C. C. (1 E-EE)	Charleston
Howard, A. M. (1 E-ME)	Greenville
Howard, C. C. (2 VAE)	Pickens
Howell, C. R. (3 TE)	Greer
Hucks, C. B. (2 EE)	Savannah, Ga.
Hudson, B. E. (3 TM)	Greenville
Hudson, D. J. (2 Ar En)	Greenville
Hudson, J. E. (PG TC)	Greenville
Hudson, P. B. (2 TM)	West Union
Huff, C. E. (1 T-TM)	Woodruff
Huggins, J. T. (4 Pre-Med)	Johnsonville
Hughes, D. G. (S)	Clemson
Hughey, H. D. (3 EE)	Greer
Hull, P. D. (3 Ind Ed)	Westminster
Hunnicutt, J. A. (3 Ar En)	Greenville
Hunnicutt, W. C. (1 T-TM)	Anderson
Hunsuck, S. E. (4 Chem)	Whitney
Hunt, S. P. (3 VAE)	Fountain Inn
Hunter, J. E. (3 EE)	Columbia
Hunter, J. R. (2 Arch)	Lancaster
Hunter, J. T. (3 A&S)	Marion
Hunter, W. H. (3 Pre-Med)	Greenville
Hurley, R. C. (2 TM)	Greenville
Hutchison, D. M. (1 E-CE)	Rock Hill
Hutson, H. C. (3 ME)	Charleston
Inabinett, J. W. (3 Arch)	Bowman
Ingram, C. H. (3 ME)	Hartsville
Ivey, J. W. (3 EE)	Spartanburg
Ivey, S. A. (3 A&S)	Downers Grove, Ill.
Jackson, J. C. (3 VAE)	Camden

Name and Course	Address
Jackson, J. M. (1 E-Ch En)	Rock Hill
Jackson, J. P. (3 Agron)	Sumter
Jackson, R. N. (4 Arch)	Anderson
Jackson, R. S. (2 VAE)	Manning
Jacques, J. R. (3 Ind Phys)	Ware Shoals
James, J. J. (2 TM)	Pendleton
James, L. W. (2 A-Agron)	Anderson
Jameson, D. M. (3 ME)	Darlington
Jameson, L. H. (PG Pre-Med)	Abbeville
Jeffcoat, G. C. (2 ME)	Cope
Jeffords, C. M. (4 ME)	Spartanburg
Jeffords, C. Q. (2 ME)	Florence
Jeffords, W. I. (3 EE)	Florence
Jenkins, A. J. (3 ME)	San Ramon, C. R.
Jenkins, J. E. (3 EE)	Simpsonville
Jenkins, J. S. (2 ME)	Gastonia, N. C.
Jenkins, L. M. (2 EE)	Kline
Jenkins, W. R. (4 VAE)	Anderson
Jennings, B. B. (1 E-EE)*	Lowndesville
Jester, A. H. (2 EE)	Greenwood
Johnson, H. T. (1 VAE)	Inman
Johnson, J. A. (2 TM)	Warrenville
Johnson, J. R. (3 TM)	Greenville
Johnson, T. D. (3 EE)	Newberry
Johnson, W. H. (2 EE)	McConnellsville
Johnston, J. M. (3 EE)	Greenville
Johnston, L. L. (3 ME)	Graniteville
Jolley, J. D. (4 TE)	Anderson
Jolly, J. (1 E-ME)	Gaffney
Jones, C. L. (4 GS)	Columbia
Jones, H. L. (4 TE)	Buffalo
Jones, H. R. (4 TE)	Gastonia, N. C.
Jones, J. D. (2 ME)	Marietta
Jones, R. W. (2 EE)	Spartanburg
Joye, R. L. (3 A&S)	Columbia
Judy, L. T. (3 Ag Ec)	Orangeburg
Julien, R. A. (3 CE)	Greenwood
Kantor, N. B. (2 CE & Ar En)	Brooklyn, N. Y.
Kay, F. F. (2 Ar En)*	Spartanburg
Kearse, W. S. (1 A)	Yonges Island
Keith, T. C. (1 E-Ag En)	Pickens
Kelley, J. A. (PG)	Liberty
Kelly, B. N. (4 Agron)	Union
Kelly, J. W. (3 Arch)	Anderson
Kelly, Z. K. (2 TM)	Pelzer
Kelsey, W. B. (2 TC)	Chester
Kennick, W. H. (3 AH)	Chester
Kerr, W. E. (2 ME)	Columbia
Key, C. H. (3 Agron)	Warrenville
Kilgo, R. A. (3 Arch)	Laurens
Kinard, J. A. (2 EE)	North Charleston
King, I. D. (2 CE)	Gray Court
King, J. L. (4 ME)	Clemson
King, L. O. (1 Ar En)*	Anderson
King, R. H. (4 TE)	Lancaster
Kirkpatrick, H. H. (4 A&S)	Martelle, Iowa
Kirven, L. E. (3 Pre-Med)	Pinewood
Knight, E. L. (2 Chem)	Andrews
Knight, L. A. (1 T-TM)	Greenville
Knight, L. L. (3 TE)	Drayton
Koehler, K. B. (3 Arch)	Louisville, Ky.
Koolage, H. N. (4 EE)	Annapolis, Md.
Koopman, J. E. (3 TE)	Spartanburg
Lacey, J. R. (2 A-Ag Ec)	Ravenel
Lake, W. H. (3 ME)	Walhalla
Lamar, L. H. (2 ME)	Augusta, Ga.
Landgraf, L. P. (2 CE)	Panama City, Fla.
Landrith, H. F. (3 A&S)	Seneca
Laney, J. W. (2 A-Agron)	Bennettsville
Laney, T. B. (4 Agron)	Cheraw
Lanford, R. F. (2 CE)	Woodruff
Langford, J. W. (3 A&S)	Ridgeland
Langley, J. F. (1 Ar En)	Conway
Langston, C. E. (3 VAE)	Timmonsville
Lark, H. J. (1 E-EE)*	Hillsboro, N. C.
Latham, D. L. (1 T-TM)	Iva
Lathan, C. H. (2 VAE)	Lowrys

Name and Course	Address
Latto, E. S. (3 ME)	Charleston
Laughlin, G. W. (2 EE)	Florence
Laughlin, R. C. (2 EE)	Florence
Lay, J. F. (2 ME)	Central
Laycock, R. D. (4 TE)	Houston, Tex.
League, F. M. (3 TM)	Easley
Lee, H. E. (1 E-EE)	Hampton, Va.
Lee, J. A. (4 Arch)	Greenwood
Lee, J. E. (4 ME)	Greenville
Lee, W. A. (3 CE)	Elberton, Ga.
Lefler, A. L. (4 TC)	Converse
LeGrand, W. D. (3 EE)	Greenville
Lesley, J. G. (3 VAE)	Easley
Levenson, J. (3 Pre-Med)	Bishopville
Levite, A. I. (4 Pre-Med)	Miami Beach, Fla.
Lewis, J. L. (2 ME)	Loris
Lewis, L. L. (3 VAE)	Leesville
Lewis, R. D. (3 Arch)	Spartanburg
Lewis, R. S. (3 ME)	Washington, D. C.
Lewis, V. E. (3 Arch)	Spartanburg
Ligon, J. G. (4 GS)	Heath Springs
Lindsay, J. B. (3 Arch)	Clemson
Lindsay, M. D. (4 TE)	Clemson
Lindsay, R. J. (1 T-TM)*	Clemson
Lindsey, J. R. (4 VAE)	Omega, Ga.
Lipman, W. E. (4 GS)	Charleston
Lipton, M. (3 Pre-Med)	Beaufort
Littlejohn, J. J. (2 Chem)	Spartanburg
Livingston, E. F. (4 TE)	Greenwood
Livingston, H. F. (4 AH)	North
Loftis, C. E. (1 Ind Ed)	Pickens
Lollis, H. E. (3 ME)	Greenville
Long, E. J. (2 TM)	Gaffney
Long, R. O. (1 E-EE)	Walhalla
Long, T. J. (3 ME)	McColl
Loupo, M. W. (3 Ag En)	Lake View
Love, T. B. (3 Pre-Med)	Alcolu
Lowder, C. E. (4 VAE)	Turbeville
Lucius, F. C. (4 Ag En)	West Palm Beach, Fla.
Lumley, H. (3 EE)	Greenwood
Lund, C. M. (3 Ag En)	Columbia
Lunsford, P. R. (2 TM)	Charlotte, N. C.
Lyles, J. F. (3 Agron)	Winnsboro
Lynch, R. B. (4 Ind Ed)	Charleston
Lynes, J. M. (PG TE)	Easley
Lynn, H. P. (2 Ag En)	Clemson
Lynn, W. F. (3 EE)	York
Lyon, J. A. (3 VAE)	Edgefield
Lyon, M. D. (3 A&S)	Johnston
Lytle, D. G. (2 EE)	New York, N. Y.
Lytle, T. E. (2 A-Ag Ec)	Anderson
McBride, L. M. (2 EE)	Parkersburg, N. C.
McCall, E. G. (3 EE)	Rock Hill
McClure, H. C. (4 Ag En)	Chesnee
McCombs, J. W. (3 EE)	Greenwood
McCown, J. W. (3 Ag En)	Dalzell
McCoy, D. W. (2 TM)	Lynchburg, Va.
McCraw, T. F. (3 Ind Phys)	Gaffney
McCuen, G. L. (4 EE)	Ware Shoals
McCulloch, J. T. (4 Arch)	Charlotte, N. C.
McDonald, H. O. (1 E-EE)	Hodges
McDowell, B. T. (2 TM)	Greenwood
McElveen, J. T. (4 ME)	Columbia
McElveen, J. V. (G Ag Ec)	Washington, D. C.
McFadden, F. S. (3 TM)	Rock Hill
McGill, J. N. (2 CE)	Anderson
McGill, L. G. (4 Ag En)	Anderson
McGregor, W. H. D. (3 A&S)	Greenville
McIlwain, J. H. (4 ME)	Lancaster
McInnis, L. A. (4 Ag En)	Clio
McKay, W. (3 Dairy)	Hendersonville, N. C.
McKee, L. O. (4 TE)	Woodruff
McKinney, H. E. (2 EE)	Greenville
McLane, J. C. (4 CE)	Newberry
McNair, R. D. (4 AH)	Gable
McRae, C. K. (2 A)	Gresham

Name and Course	Address
McSwain, W. E. (2 TM)	York
Mack, T. E. (2 TM)	Union
Maier, L. H. (3 A&S)	Nutley, N. J.
Mangan, D. J. (2 ME)	Springfield, Mo.
Martin, C. H. (2 ME)	Aiken
Martin, E. H. (2 A)	Conway
Martin, J. A. (G Ag Ec)	Bowersville, Ga.
Martin, T. A. (3 EE)	Griffin, Ga.
Mason, R. H. (3 VAE)	Pacolet Mills
May, E. B. (3 TM)	Asheville, N. C.
May, J. D. (3 TE)	Ware Shoals
Meadows, H. F. (2 A-Agron)	Woodruff
Meeks, T. L. (4 TE)	Belton
Merck, E. W. (3 CE)	Central
Merck, W. H. (1 VAE)	Six Mile
Metz, W. W. (2 ME)	Iva
Mickle, H. L. (2 TC)	Rock Hill
Mickle, P. C. (2 TE)	Rock Hill
Millen, R. M. (3 EE)	Richburg
Miller, C. L. (1 T-TM)	Greenville
Miller, G. C. (4 TE)	Greenville
Mills, V. R. (4 TE)	Forest City, N. C.
Milne, G. C. (4 EE)	Columbia
Minor, W. L. (2 EE)	Greenwood
Minshew, C. T. (1 A&S)	Johns Island
Mitchell, J. B. (2 EE)	Saluda
Mitchell, J. E. (2 EE)	North Augusta
Mixon, J. L. (1 E-CE)	Aiken
Mixon, L. C. (1 E-EE)	Aiken
Moisson, G. M. (3 TC)	Greenville
Montgomery, H. R. (2 A-Agron)	Woodruff
Moore, L. H. (3 Ent)	York
Moore, U. B. (2 TM)	La France
Morgan, H. E. (1 E-ME)	Salisbury, N. C.
Morgan, J. H. (3 A&S)	Spencer, N. C.
Morgan, L. R. (1 A)	Central
Morgan, L. V. (3 Ind Ed)	Albermarle, N. C.
Morris, L. S. (3 Agron)	Olar
Morris, R. D. (4 TE)	Anderson
Morris, T. R. (4 CE)	Hickory, N. C.
Morrison, A. H. (1 T-TM)	Great Falls
Moss, A. A. (4 CE)	Greenville
Moss, E. M. (3 Ind Ed)	Seneca
Mosteller, G. W. (2 Ind Ed)	Greer
Moyd, D. L. (2 CE)	Ninety Six
Mozingo, G. W. (3 TM)	Seneca
Mueller, J. W. (2 EE)	Charleston
Mullikin, J. A. (2 EE)	Pendleton
Mullikin, R. A. (3 TE)	Williamston
Murphree, J. E. (2 VAE)	West Union
Neal, W. F. (2 VAE)	Grover, N. C.
Neeley, B. B. (2 Ar En)	Columbia
Neves, J. A. (2 VAE)	Taylors
Newton, D. (4 TE)	Bennettsville
Nickles, R. B. (2 CE)	Donalds
Nipper, J. J. (2 TM)	Lowell, N. C.
Norris, G. F. (2 ME)	Greer
Norris, R. E. (4 VAE)	Conway
Norris, W. M. (2 Ag En)	Vance
Norton, C. M. (4 Chem)	Estill
Norton, J. P. (2 ME)	Pickens
Norton, R. E. (2 Ar En)	Florence
Norwood, R. E. (3 ME)	Greenwood
Nuttall, A. (3 TE)	Cedartown, Ga.
O'Dell, W. T. (4 Dairy)	Easley
O'Neal, C. A. (1 Pre-Med)	Blenheim
Orander, A. D. (3 VAE)	Ridge Spring
Orders, W. H. (4 ME)	Greenville
Ousley, W. K. (4 ME)	Salisbury, N. C.
Ouzts, J. E. (3 EE)	Callison
Overman, L. A. (4 Chem)	Augusta, Ga.
Owen, B. E. (2 Ind Ed)	Orangeburg
Owings, W. D. (3 EE)	Greenwood
Ownby, J. C. (4 Chem)	Newport, Tenn.
Padgett, S. M. (4 VAE)	Ruffin
Paget, J. S. (3 Hort)	Greer
Painter, J. W. (1 E-ME)	Gaffney
Palmer, N. O. (2 ME)	Norris
Park, W. J. (4 Hort)	Greenwood
Parkman, H. D. (3 VAE)	Saluda
Parrish, C. E. (4 TE)	Cedartown, Ga.
Partin, G. W. (1 E-EE)	Camden
Patrick, T. W. (4 EE)	Clemson
Patten, M. I. (1 E-ME)	Pickens
Patterson, C. W. (2 EE)	Spartanburg
Patterson, N. W. (3 Dairy)	Saluda
Patton, F. J. (2 CE)	Pisgah Forest, N. C.
Pearson, W. D. (3 Ag En)	Woodruff
Peebles, D. L. (3 A&S)	Hampton, Va.
Pennington, S. D. (4 ME)	Atlanta, Ga.
Perrell, D. C. (3 CE)	Winston Salem, N. C.
Perrette, C. L. (1 A&S)*	Tampa, Fla.
Perrin, N. M. (4 CE)	Greenville
Perry, J. M. (4 TE)	Charlotte, N. C.
Perry, R. L. (4 ME)	Columbus, Ga.
Perry, S. L. (3 Pre-Med)	Calhoun
Perry, T. E. (2 TM)	Anderson
Person, R. L. (3 EE)	Greensboro, N. C.
Peschl, A. T. (1 E-ME)	Hendersonville, N. C.
Peschl, F. C. (4 GS)	Hendersonville, N. C.
Pettigrew, J. E. (2 A-Dairy)	Iva
Pettigrew, J. W. (3 VAE)	Edgefield
Pettit, R. H. (3 Ind Ed)	Gaffney
Pfaff, A. S. (4 TE)	Avon, N. J.
Pfersich, F. A. (4 ME)	Greenville
Phillips, R. M. (4 TE)	Glenn Springs
Pickens, J. P. (2 VAE)	Madison
Pinson, C. B. (3 A&S)	Greenwood
Pinson, J. T. (2 Ch En)	Anderson
Plaxico, D. L. (2 ME)	Blacksburg
Player, C. B. (3 Agron)	Bishopville
Plyler, D. B. (3 VAE)	Monroe, N. C.
Plyler, G. P. (4 VAE)	Columbia
Ponder, W. G. (3 Pre-Med)	Madison, Ga.
Poole, A. C. (4 Ar En)	Enoree
Poole, J. L. (4 Arch)	Asheville, N. C.
Poole, M. V. (3 ME)	Ware Shoals
Porter, W. M. (3 ME)	Charlotte, N. C.
Poulos, J. T. (2 Ar En)	Spartanburg
Powers, B. L. (1 T-TC)	Griffin, Ga.
Prince, E. W. (2 VAE)	Gurley
Pruette, R. L. (1 E-TE)	Monroe, N. C.
Putnam, S. R. (4 Arch)	Greenville
Quinn, R. W. (4 ME)	Pacolet
Ragsdale, F. E. (2 Ar En)*	Anderson
Ragsdale, R. E. (4 TE)	Pelzer
Rainsford, T. H. (2 A-Dairy)*	Edgefield
Raley, W. R. (1 E-TE)	Bennettsville
Ramsey, F. C. (3 TE)	Gaffney
Rankin, H. W. (4 VAE)	Allsbrook
Rash, M. C. (2 Ed)	Lockhart
Rast, S. M. (4 Pre-Med)	Manning
Ratliff, W. S. (1 Pre-For)	Fairfax
Rauch, R. J. (3 CE)	Rock Hill
Rawls, C. H. (3 EE)	Rock Hill
Ray, H. E. R. (3 TE)	Olar
Reames, D. L. (3 Ind Ed)	Bishopville
Reece, P. J. (4 ME)	Pickens
Reed, H. M. (4 EE)	Panama City, Fla.
Reid, J. R (3 ME)	Sumter
Rheney, T B. (2 TM)	Spartanburg
Rhodes, H. G. (4 Ag En)	Darlington
Rhyne, E. H. (3 A&S)	Clemson
Rice, A. A. (3 Arch)	Anderson
Rice, D. D. (4 TE)	Anderson
Rice, J. L. (1 E-ME)	Charleston
Rice, R. J. (3 TM)	Anderson
Richardson, C. G. (4 ME)	Orangeburg
Richardson, F. M. (2 TM)	Greenville
Richbourg, C. E. (4 ME)	Liberty
Richbourg, J. B. (2 Pre-Med)	Union
Richbourg, T. S. (4 TE)	Dillon
Riddle, H. J. (2 Arch)	Charleston
Riley, F. S. (3 ME)	Hilton Village, Va.
Riley, P. E. (1 Pre-Med)	Middlesboro, Ky.
Riordan, J. E. (1 E-EE)	Walhalla

Name and Course	Address
Riser, C. W. (2 Ch En)	Lexington
Riser, W. W. (2 CE)	Kinards
Rivers, H. F. (3 ME)	Johns Island
Rivers, J. D. (3 CE)	Chesterfield
Rivers, J. L. (4 CE)	Johns Island
Rizer, I. N. (3 AH)	Lodge
Robinette, J. B. (1 E-ME)	Pacolet
Robinson, L. H. (2 EE)	Greenville
Robinson, R. E. (3 TM)	Greer
Robinson, W. A. (3 A&S)	Easley
Robison, C. (3 TE)	Asheville, N. C.
Rochester, D. P. (3 Agron)	Salem
Rochester, R. M. (3 EE)	Walhalla
Rochester, W. F. (3 EE)	Walhalla
Roddey, T. T. (2 EE)	Columbia
Rodgers, J. H. (2 A-Hort)	Charleston
Rodgers, J. S. (3 Hort)	Anderson
Rodgers, M. F. (1 Ar En)	Kingstree
Rogers, C. H. (4 ME)	Hartsville
Rogers, E. B. (4 Ag En)	Sumter
Rogers, H. V. (3 Agron)	Cowpens
Rogers, R. L. (1 E-TE)	Pelzer
Rogers, W. B. (4 Chem)	Blackville
Rollins, A. W. (4 TE)	Charleston
Ronnenberg, A. R. (1 E-ME)	Brooklyn, N. Y.
Rose, A. M. (3 Chem)	Marion
Ross, A. R. (2 ME)	Olean, N. Y.
Ross, L. G. (4 Ed)	West Palm Beach, Fla.
Ross, R. D. (4 GS)	Gaffney
Russell, J. S. (4 EE)	Washington, D. C.
Ryan, W. H. (1 E-EE)	Elizabeth, N. J.
Ryan, W. T. (2 EE)	Navy Yard
Sadler, G. D. (1 Ind Ed)	Charleston
Sadler, M. H. R. (2 Arch)	Rock Hill
Salley, G. P. (2 Pre-Med)	Salley
Salley, W. B. (2 A&S)	Orangeburg
Sanders, C. W. (4 Hort)	Columbia
Sanders, J. B. (4 ME)	Rock Hill
Sanders, J. W. (2 Pre-Med)	Anderson
Sanders, S. L. (2 EE)	Navy Yard
Schrader, E. D. (1 T-TM)	Spartanburg
Scott, C. M. (PG Ind Ed)	Union
Scott, E. B. (4 EE)	Marion
Scott, J. H. (3 EE)	Prichard, Ala.
Scott, W. W. (3 ME)	Holly Hill
Seaborn, D. K. (2 TC)	Walhalla
Seaborn, G. B. (2 EE)	Central
Seaborn, G. W. (2 VAE)	Walhalla
Seay, E. P. (3 CE)	Charleston
Seddon, F. (2 A-Ag Ec)	Boston, Mass.
Segars, R. V. (2 Ag En)	Oswego
Seigler, E. W. (3 TM)	Greenwood
Self, R. C. (3 TM)	Greenville
Sellers, C. L. (2 VAE)	Mount Croghan
Senn, J. C. (2 EE)	Spartanburg
Settle, D. C. (3 Hort)	Inman
Severance, C. E. (3 EE)	Darlington
Sharp, D. C. (4 Agron)	Newberry
Sharpe, J. C. (3 Ag En)	Rock Hill
Sharpe, M. C. (2 ME)	Abbeville
Shealy, E. L. (1 Ar En)	Columbia
Shealy, H. L. (2 A&S)*	Batesburg
Shealy, J. P. (2 Ind Phys)	Orangeburg
Shealy, L. H. (3 CE)	Batesburg
Shealy, R. N. (1 T-TM)	Columbia
Shelor, D. R. (3 ME)	Greenville
Sherard, J. W. (2 EE)	Calhoun Falls
Sherer, L. D. (4 CE)	Greenville
Sheridan, W. M. (3 EE)	Spartanburg
Shillinglaw, J. R. (3 Ag Ec)	Sharon
Shipman, B. C. (1 E-EE)	Augusta, Ga.
Shook, F. D. (2 TM)	Spartanburg
Shoolbred, A. W. (3 CE)	Columbia
Shuler, J. O. (1 A-AH)*	Holly Hill
Simpson, D. E. (2 ME)	South Charleston, W. Va.
Simpson, E. P. (4 EE)	Greenville
Simpson, H. E. (3 ME)	Greenville
Simpson, J. J. (3 A&S)	Anderson
Simpson, M. W. (3 ME)	Williamston
Singleton, J. J. (2 VAE)	Westminster
Sipple, J. H. (3 EE)	Columbia
Sistrunk, R. W. (3 TM)	Decatur, Ga.
Sites, N. R. (2 A-AH)	White Rock
Skelton, R. R. (1 E-EE)*	Atlanta, Ga.
Skinner, P. B. (3 ME)	Ware Shoals
Smith, C. F. (1 E-ME)	North Charleston
Smith, H. C. (3 EE)	Oakland, Calif.
Smith, H. K. (1 E-ME)*	Spartanburg
Smith, H. M. (3 Chem)	Rock Hill
Smith, I. (3 VAE)	Pickens
Smith, J. A. (4 ME)	San Juan, P. R.
Smith, J. C. (2 TM)	Easley
Smith, J. D. (3 EE)	Union
Smith, J. G. (2 A-AH)	Orangeburg
Smith, J. O. (3 CE)	Elberton, Ga.
Smith, K. Y. (2 Arch)	Liberty
Smith, M. C. (3 VAE)	East Point, Ga.
Smith, M. H. (4 TE)	Great Falls
Smith, N. V. (4 TE)	Greer
Smith, R. C. (4 TE)	Greenville
Smith, R. E. (1 E-ME)	Seneca
Smith, R. G. (2 TE)	Greenville
Smith, R. R. (3 Pre-Med)	Charleston
Smith, W. M. (2 A)	Spartanburg
Smoak, A. L. (4 VAE)	Smoaks
Snell, A. W. (2 Ag En)	Elloree
Snoddy, S. T. (2 Ind Ed)	Rockingham, N. C.
Sosa, D. (4 ME)	San Juan, P. R.
Sparks, E. G. (2 TM)	Gaffney
Speissegger, H. B. (4 EE)	Charleston
Sperry, C. J. (4 EE)	Spartanburg
Spiner, D. R. (3 Chem)	Tampa, Fla.
Spivey, E. P. (4 Hort)	Loris
Stacy, J. K. (3 Arch)	Savannah, Ga.
Stallworth, W. H. (2 TM)	Spartanburg
Stanley, J. A. (3 ME)	Sumter
Stanley, L. M. (1 A&S)	Conway
Starnes, W. H. (2 A-AH)	Salley
Stegall, W. C. (4 ME)	Walhalla
Stevens, J. P. (3 VAE)	Conway
Stevens, J. T. (3 EE)	Yonges Island
Stewart, J. R. (2 EE)	Clemson
Stewart, T. D. (3 Ar En)	Greenville
Still, C. N. (3 Chem)	Greenwood
Stokes, D. K. (3 VAE)	Camden
Stokes, F. H. (4 VAE)	New Hope, Ala.
Stowe, W. E. (4 ME)	Rock Hill
Stradley, C. D. (3 TM)	Greenville
Strange, R. H. (4 ME)	Sumter
Stribling, C. V. (2 A&S)	Seneca
Stribling, H. L. (1 E-EE)	Charleston
Stroman, J. L. (2 TM)	Orangeburg
Stroud, D. D. (2 ME)	Lyman
Stroud, L. E. (4 Dairy)	Richburg
Strug, J. P. (1 E-EE)	Union
Stuck, K. E. (2 A-Ag Ec)	Pomaria
Stuck, W. M. (4 Agron)	Pomaria
Stuckey, G. (3 AH)	Bishopville
Sturgis, W. I. (4 Ag En)	Rock Hill
Suddeth, J. A. (4 Ind Phys)	Clinton
Suhr, G. F. (4 Ch-En)	Augusta, Ga.
Sullivan, M. W. (3 Agron)	Laurens
Sultis, J. E. (4 CE)	Beaumont, Tex.
Sutherland, A. C. (4 TC)	Columbia
Sutker, K. (2 Ag En)	McColl
Sweatte, J. E. (4 EE)	Sumter
Swygert, H. B. (2 ME)	Greenville
Taber, W. R. (2 EE)	Greenville
Tarleton, H. H. (3 Arch)	Union
Tarver, W. B. (2 Arch)	Savannah, Ga.
Tate, E. G. (4 AH)	Taylors
Tate, H. W. (1 E-CE)	Spartanburg
Taylor, B. E. (2 TM)	Greer
Taylor, C. C. (1 A&S)	Greenville
Taylor, G. H. (2 A-Hort)	Gilbert

Name and Course	Address
Taylor, H. D. (3 Hort)	Greenville
Taylor, R. P. (2 CE)	Greenville
Taylor, W. M. (2 EE)*	Anderson
Terry, J. E. (2 CE)	Iva
Tewkesbury, A. M. (3 CE)	Aiken
Tewkesbury, P. (3 Ind Ed)	Aiken
Thiele, H. J. (3 EE)	Charleston
Thies, K. E. (4 TE)	Charlotte, N. C.
Thode, J. R. (PG Ed)	Walhalla
Thomas, J. R. (4 AH)	Dacusville
Thomas, R. T. (3 Arch)	Houston, Tex.
Thomason, H. E. (4 EE)	Greenville
Thomason, J. M. (2 CE)	Toccoa, Ga.
Thompson, A. L. (2 EE)	Anderson
Thompson, C. A. (1 E-CE)	Georgetown
Thompson, G. A. (2 ME)	Sumter
Thompson, G. C. (4 EE)	East Falls Church, Va.
Thompson, H. E. (3 TM)	Honea Path
Thompson, J. W. (3 Arch)	Williston
Thompson, N. S. (1 E-ME)*	Greenville
Thornton, T. H. (2 EE)	Camden
Thrailkill, J. C. (4 Pre-Med)	Saluda
Tiller, H. W. (3 Agron)	Mayesville
Timmons, C. M. (3 EE)	Greenville
Timms, S. M. (1 E-EE)	Anderson
Tisdale, C. F. (PG VAE)	Taylors
Todd, B. (4 VAE)	Loris
Todd, B. J. (G Ag Ec)	Loris
Todd, L. O. (3 ME)	Fairfax
Townsend, L. M. (2 CE)	Pisgah Forest, N. C.
Townsend, R. E. (3 TM)	Laurens
Traylor, M. H. (4 CE)	Ridgeway
Traylor, W. R. (3 Ent)	Ridgeway
Triplett, F. A. (4 CE)	Chester
Tripp, G. P. (1 E-ME)	Anderson
Trueblood, L. C. (3 TM)	Asheville, N. C.
Truesdale, G. G. (2 VAE)	Spencer, N. C.
Truett, R. C. (4 VAE)	Timmonsville
Trumpore, A. S. (4 EE)	Beaufort
Turnage, L. W. (2 ME)	Hartsville
Turner, E. C. (4 Ent)	Clemson
Turner, J. T. (2 EE)	Winnsboro
Turner, J. W. (3 ME)	Albany, Ga.
Turner, R. R. (2 A&S)	Mission, Tex.
Turner, W. W. (2 Ag En)	Travelers Rest
Ulmer, C. O. (3 CE)	Elloree
Valerius, H. R. (4 TE)	University City, Mo.
Valley, C. J. (4 Pre-Med)	Pickens
Varn, C. F. (4 ME)	Charleston
Vermillion, R. J. (2 ME)	Ware Shoals
Vickery, A. V. (3 ME)	Hartwell, Ga.
Vincent, W. S. (4 TE)	Spartanburg
Waddell, R. B. (3 Ch En)	Charlotte, N. C.
Wald, E. C. (3 TM)	Seneca
Walker, H. O. (1 Arch)	Union
Walker, J. T. (2 VAE)	Manning
Wall, H. A. (4 VAE)	Moncks Corner
Wallace, J. R. (4 CE)	Central
Walser, J. F. (2 TE)	Salisbury, N. C.
Walters, W. C. (4 Ind Ed)	Lancaster
Walton, G. T. (2 CE)	Belton
Wannamaker, W. F. (3 ME)	Columbia
Ward, A. G. (3 TM)	Greenville
Waters, W. T. (3 TE)	Camden
Watkins, D. P. (4 Ar En)	Anderson
Watkins, J. M. (4 Ind Phys)	Greenwood
Watson, A. I. (2 EE)	Greenville
Watson, A. W. (1 E-CE)	Easley
Watson, C. K. (3 Agron)	Anderson
Watson, H. J. (1 E-EE)	Anderson
Watson, J. C. (1 E-ME)	Anderson
Watson, W. E. (2 ME)*	Anderson
Watts, A. J. (3 ME)	Mayesville
Way, R. E. (2 ME)	Branchville
Weatherly, J. H. (2 Pre-For)	McColl
Weaver, C. (4 A&S)	Timmonsville
Webber, C. E. (4 ME)	Spartanburg
Webster, J. O. (3 Ag En)	Loris
Webster, J. W. (4 TE)	Greenville
Weeks, T. J. (2 ME)	Charleston
Weimortz, E. D. (4 Agron)	Williston
Weisner, L. E. (2 EE)	Laurens
Welch, J. H. (4 EE)	Savannah, Ga.
Wells, J. D. (1 E-EE)	Sumter
West, A. E. (2 ME)	Greenville
West, W. E. (3 ME)	Greenville
West, W. F. (3 EE)	Spartanburg
Westervelt, J. I. (4 ME)	Greenville
Whall, R. F. (4 Ch-En)	San Juan, P. R.
Whitaker, R. L. (2 TE)	Union
White, H. M. (3 Ag En)	Charlotte, N. C.
White, L. A. (4 Agron)	Jamestown
White, L. W. (2 Ed)	Easley
White, P. J. (2 TM)	Greenville
White, R. W. (3 EE)	Greenwood
White, T. E. (2 Chem)	Anderson
Whitmire, H. B. (3 TE)	Westminster
Whittaker, W. E. (3 ME)	Anderson
Wilkins, R. I. (2 Arch)	Florence
Wiliard, C. D. (3 ME)	Whitmire
Williams, B. B. (3 TE)	Bath
Williams, C. L. (4 Chem)	Baltimore, Md.
Williams, J. S. (2 TM)	Anderson
Williams, L. F. (PG VAE)	Woodleaf, N. C.
Williams, L. P. (3 EE)	North Augusta
Williams, W. C. (2 ME)	Central
Williams, Y. E. (4 VAE)	Wagener
Williamson, D. M. (1 E-ME)	Navy Yard
Willimon, C. P. (2 A&S)	Greenville
Wilson, C. M. (1 T-TM)	Greenville
Wilson, C. P. (4 Ed)	Ridgeland
Wilson, C. W. (2 Ag En)	Landrum
Wilson, D. N. (1 E-CE)	Greenville
Wilson, J. K. (2 A&S)	Wellford
Wilson, J. R. (1 E-TE)	Lockhart
Wilson, R. P. (4 TE)	Chesterfield
Winburn, J. D. (4 VAE)	Hartsville
Winburn, W. C. (1 VAE)	Hartsville
Windsor, W. D. (1 T-TM)*	Pell City, Ala.
Wingate, W. H. (3 Ch En)	Fairhaven, Mass.
Witherspoon, S. M. (3 Pre-Med)	Marion
Withington, C. C. (4 TE)	Greenville
Withington, J. M. (2 ME)	Greenville
Wolkowinsky, L. R. (2 TM)	Long Island, N. Y.
Wood, A. L. (2 EE)	Newberry
Wood, A. W. (2 Ar En)	Greenville
Wood, L. A. (2 TM)	Ware Shoals
Wood, W. A. (3 A&S)	Greenwood
Woodson, W. W. (4 Ag En)	Central
Worley, S. (2 A-Agron)	Windsor
Worthy, H. R. (2 ME)	Lockhart
Wright, G. C. (3 EE)	Seneca
Wright, J. M. (4 VAE)	Ward
Wright, S. P. (4 VAE)	Bishopville
Wyly, J. C. (2 TM)	Anderson
Yarborough, F. K. (2 ME)	Mooresboro, N. C.
Yarbrough, L. L. (4 EE)	Greenville
Yates, A. L. (1 T-TM)	Sumter
Yeargin, R. H. (3 CE)	Gray Court
Yobs, R. L. (3 TM)	Columbia
Young, F. M. (4 ME)	Fairfax
Zuver, M. P. (4 VAE)	Chesterfield

NUMBER OF STUDENTS MAJORING IN EACH CURRICULM
1947 SUMMER TERM

Classification	Agriculture	Agricultural Engineering	Pre-Forestry	Arts and Sciences	General Science	Industrial Physics	Pre-Medicine	Chemistry	Architectural Engineering	Architecture	Chemical Engineering	Chemistry-Engineering	Civil Engineering
Senior	40	12	0	5	10	2	11	8	3	11	0	3	14
Junior	42	10	0	23	1	3	13	8	3	14	3	0	27
Sophomore	32	14	4	9	0	1	15	6	14	13	3	0	28
Freshman	9	4	5	7	0	0	7	1	5	4	2	0	9
Postgraduate													
Graduate													
Special													
Total	123	40	9	44	11	6	46	23	25	42	8	3	78

Classification	Electrical Engineering	Mechanical Engineering	Textile Chemistry and Dyeing	Textile Engineering	Textile Manufacturing	Vocational Agricultural Education	Education	Industrial Education	Postgraduate	Graduate	Special	Enrollment by Classes
Senior	19	45	6	53	1	27	2	4				276
Junior	53	46	2	27	37	25	1	10				353
Sophomore	68	50	8	10	59	26	3	6				369
Freshman	27	26	1	6	22	4	0	4				143
Postgraduate									14			14
Graduate										6		6
Special											2	2
Total	172	167	17	96	119	82	6	24	14	6	2	1163

ENROLLMENT BY COUNTIES AND STATES

1947 SUMMER TERM

County	*Total*
Abbeville	11
Aiken	23
Allendale	4
Anderson	90
Bamberg	5
Barnwell	5
Beaufort	7
Berkeley	3
Calhoun	0
Charleston	51
Cherokee	13
Chester	15
Chesterfield	8
Clarendon	13
Colleton	6
Darlington	14
Dillon	4
Dorchester	0
Edgefield	6
Fairfield	6
Florence	15
Georgetown	8
Greenville	148
Greenwood	45
Hampton	3
Horry	16
Jasper	6
Kershaw	12
Lancaster	9
Laurens	13
Lee	8
Lexington	9
Marion	7
Marlboro	11
McCormick	1
Newberry	19
Oconee	61
Orangeburg	29
Pickens	77
Richland	34
Saluda	9
Spartanburg	75
Sumter	21
Union	19
Williamsburg	2
York	41
South Carolina Total	982

State or Country	*Total*
Alabama	7
California	1
Central America	1
Costa Rica	2
District of Columbia	4
Florida	8
Georgia	44
Illinois	1
Iowa	1
Kentucky	2
Maryland	5
Massachusetts	2
Mississippi	1
Missouri	2
New Jersey	5
New York	9
North Carolina	64
Pennsylvania	1
Puerto Rico	3
South Carolina	982
Tennessee	5
Texas	4
Virginia	8
West Virginia	1
Grand Ttoal	1163

LIST OF STUDENTS, FIRST SEMESTER, 1947-1948

The names are arranged in alphabetical order and following the names are symbols indicating classes and courses. The classification of undergraduates is indicated by numerals as follows: 1—Freshman, 2—Sophomore, 3—Junior, 4—Senior.

The abbreviations following the numerals refer to the student's major course: A-Agriculture (unclassified as to major course), Ag Ec-Agricultural Economics, Agron-Agronomy, AH-Animal Husbandry, Bot-Botany, Dairy-Dairy, Ent-Entomology, Hort-Horticulture, Poul-Poultry, Ag En-Agricultural Engineering, Pre-For-Pre-Forestry; A&S-Arts and Sciences, GS-General Science, Ind Phys-Industrial Physics, Pre-Med-Pre-Medicine; Chem-Chemistry; E-Engineering (unclassified as to major course, but the abbreviation following the "E" indicates a preliminary choice of major course), Arch-Architecture, Ar En-Architectural Engineering, Ch En-Chemical Engineering, Ch-En-Chemistry-Engineering, CE-Civil Engineering, EE-Electrical Engineering, ME-Mechanical Engineering; T-Textiles (unclassified as to major course, but the abbreviation following the "T" indicates a preliminary choice of major course), TC-Textile Chemistry, TE-Textile Engineering, TM-Textile Manufacturing; VAE-Vocational Agricultural Education, Ed-Education, Ind Ed-Industrial Education.

New students admitted in September, 1947, are indicated by an asterisk (*).

Name and Course	Address
Abbott, L. D. (2 ME)	Seneca
Abercrombie, H. O. (2 ME)	Central
Ables, J. R. (1 VAE)*	Westminster
Abrams, A. E. (2 TM)	Ware Shoals
Abrams, I. E. (3 TM)	Spartanburg
Ackerman, R. E. (2 Pre-Med)	Moncks Corner
Ackerman, T. D. (1 E-ME)	North Charleston
Ackerman, W. N. (3 ME)	Moncks Corner
Adair, J. L. (3 Agron)	Clinton
Adams, B. R. (2 TM)	La France
Adams, F. W. (1 T-TM)*	Laurens
Adams, G. L. (3 ME)	Spartanburg
Adams, J. H. (3 CE)	Greenville
Adams, L. C. (S)	Clemson
Adams, W. A. (1 E-CE)*	North Charleston
Adams, W. S. (1 A&S)*	Clemson
Addis, L. G. (2 TM)	Walhalla
Addison, J. K. (3 EE)	Cottageville
Adickes, H. F. (2 Pre-Med)	York
Aguilar, J. E. (2 TM)	Alajuela, C. R.
Aichele, J. H. (3 Hort)	Charleston
Aiken, C. B. (2 CE)	Pickens
Aiken, D. A. (2 TM)	Winnsboro
Aiken, F. J. (1 T-TM)*	Greenville
Aiken, F. V. (1 T-TM)	Bath
Aiken, M. (2 EE)	Nimmons
Aimar, N. V. (1 Pre-Med)*	Beaufort
Akers, D. J. (1 A-Hort)	Carrollton, Ky.
Aldous, G. C. (1 E-EE)*	Naval Base
Alexander, E. R. (2 EE)	Columbia
Alexander, J. F. (3 Ag Ec)	Anderson
Alexander, J. K. (1 Pre-Med)*	Bishopville
Alexander, J. M. (2 A&S)	Clemson
Alexander, M. C. (1 Chem)	Walhalla
Alexander, O. (4 VAE)	Central
Alexander, W. Ray (2 VAE)	Bishopville
Alexander, W. Richardson (2 ME)	Aiken
Alford, W. E. (1 Pre-For)	Charleston
Allen, C. G. (2 Ag En)	Latta
Allen, C. R. (2 Ag En)	Latta
Allen, F. M. (4 GS)	Central
Allen, G. A. (3 Agron)	Franklin, Tenn.
Allen, H. F. (2 A-Ag Ec)	Latta
Allen, J. L. (PG Ed)	Pacolet Mills
Allen, O. L. (3 CE)	Walhalla
Allen, R. L. (3 ME)	Greenville
Allison, H. G. (1 E)*	Gaffney
Altman, A. C. (2 A)	Galivants Ferry
Alvarez, W. G. (3 TE)	Greenville
Ameen, W. O. (2 Ar En)	Winnsboro
Amick, W. A. (1 E-TE)*	Rock Hill
Ammons, J. B. (1 E-Ag En)*	Hartsville
Andersen, Z. D. (1 Ind Ed)*	Conway
Anderson, C. P. (3 TM)	Lexington, N. C.
Anderson, C. W. (1 T-TM)*	Summerville
Anderson, D. G. (2 Ar En)	Miami, Fla.
Anderson, G. B. (1 Pre-Med)	Chester
Anderson, G. W. (4 ME)	Gastonia, N. C.
Anderson, J. B. (4 TE)	Fairforest
Anderson, J. H. (1 Ar En)	Chester
Anderson, L. P. (2 A-Ag Ec)	Nichols
Anderson, M. H. (3 TM)	Greenville
Anderson, N. C. (4 AH)	Abbeville
Anderson, N. S. (4 TE)	Piedmont
Anderson, R. (4 TE)	Greenville
Anderson, W. (1 E-EE)	Hartwell, Ga.
Anderson, W. D. (1 E-EE)	Greensboro, N. C.
Andrea, F. W. (2 CE)	Greer
Andrews, L. R. (2 Ag En)	Elliott
Andrews, L. V. (3 TM)	Cedartown, Ga.
Andrews, W. P. (2 ME)	Greenville
Andrews, W. T. (1 E-ME)	Greenville
Andryaitis, A. J. (1 E-EE)	Pittsburg, Pa.
Anthony, A. B. (2 ME)	Pickens
Arant, H. B. (2 Pre-Med)	Elloree
Ard, J. W. (3 VAE)	Hemingway
Armstrong, J. E. (1 E-EE)*	Winnsboro
Armstrong, J. V. (1 E-CE)*	Fountain Inn
Armstrong, J. W. (4 CE)	Laurens
Armstrong, L. W. (2 TC)	Charleston
Arndt, O. G. (1 E-ME)	Orangeburg
Arnette, J. H. (3 Ag En)	Conway
Arnette, W. J. (2 TM)	Winnsboro
Arnold, B. R. (1 Ar En)*	Greenville
Arnold, D. A. (1 Arch)	McColl
Arnold, H. H. (3 TM)	Woodruff
Arnold, J. J. (1 E-Ag En)	Seneca
Arnold, T. L. (1 E-EE)	Woodruff

Name and Course	Address
Arnold, T. R. (1 Arch)*	Anderson
Arnts, G. W. (1 E-CE)	North Tonawanda, N. Y.
Arrington, J. D. (1 A-Dairy)	Ninety Six
Arthur, H. T. (2 A&S)	Bristol, Tenn.
Arve, J. E. (1 Pre-Med)	Cumberland, Md.
Asbill, J. D. (1 A&S)*	Monetta
Ash, E. R. (1 E-ME)	Greenville
Ashley, G. H. (3 ME)	Ware Shoals
Ashley, J. (3 Agron)	Ellenton
Ashley, W. E. (3 TM)	Donalds
Ashley, W. M. (2 TM)	Anderson
Ashley, W. T. (1 Pre-Med)	Pikeville, Ky.
Ashmore, J. P. (3 CE)	Greenville
Ashmore, R. C. (2 Ch En)	Greenville
Ashmore, R. L. (1 E-TE)*	Greenville
Ashmore, V. L. (4 CE)	Greenville
Askey, M. M. (3 Ent)	North Augusta
Askins, S. E. (1 E-Ch En)	Kingstree
Asnip, G. (2 TE)	Greenville
Atkins, W. G. (1 T-TM)	Anderson
Atkins, W. R. (2 A)	Hamer
Atkinson, C. W. (1 E-CE)*	Chester
Atkinson, E. D. (1 E-EE)	Greenville
Atkinson, F. W. (2 Ag En)	Augusta, Ga.
Atkinson, W. D. (3 AH)	Mullins
Attaway, H. B. (2 Pre-For)	Beaufort
Attaway, H. H. (1 E-ME)*	North Charleston
Attaway, J. M. (1 Pre-Med)	Beaufort
Aughtry, J. E. (2 TM)	Lyman
Austin, J. G. (1 E-TE)*	Rock Hill
Austin, J. N. (3 ME)	Laurens
Avant, W. D. (1 E-TE)	Conway
Aycock, E. R. (2 TM)	Greenville
Ayers, J. F. (4 ME)	Greenville
Baggott, B. H. (3 ME)	Columbia
Bagwell, C. E. (3 EE)	Spartanburg
Bagwell, H. B. (1 E-ME)*	Spartanburg
Bailey, B. D. (2 EE)	Heath Springs
Bailey, F. A. (3 ME)	Charleston
Bailey, G. T. (2 TE)	Greenville
Bailey, J. N. (4 EE)	Greenwood
Bailey, R. B. (S TE)	Columbia
Bailey, T. W. (2 CE)	Summerville
Bain, O. L. (1 T-TM)*	Greenwood
Baird, R. L. (2 A-Agron)	Darlington
Baker, E. R. (2 ME)	Great Falls
Baker, G. H. (2 VAE)	Cades
Baker, L. K. (1 Pre-Med)	Sumter
Baker, O. E. (1 A-AH)*	Nichols
Baldwin, J. D. (2 Ag En)	Greenwood
Baldwin, M. C. (4 EE)	Orangeburg
Baldwin, O. S. (1 E-ME)*	Charleston
Baldwin, W. E. (1 A&S)*	Spartanburg
Balentine, E. H. (PG CE)	Greenwood
Ball, S. E. (2 TM)	Greenville
Ball, W. L. (3 EE)	Laurens
Ballenger, R. D. (1 E-EE)	Charlotte, N. C.
Ballenger, S. B. (2 A&S)*	Chicago, Ill.
Ballentine, J. R. (1 E-ME)*	Anderson
Ballentine, W. W. (2 Ag En)	Blythewood
Ballew, C. B. (2 CE)	Liberty
Ballew, W. C. (2 TM)	Easley
Balloch, J. (2 TE)*	Charleston
Bandy, C. W. (1 Ar En)*	Bath
Bangle, H. D. (4 Arch)	Salisbury, N. C.
Bankhead, T. E. (2 VAE)	Sharon
Banks, A. J. (2 EE)	St. Matthews
Banks, D. H. (3 A&S)	St. Matthews
Banks, E. R. (3 CE)	Savannah, Ga.
Banks, J. J. (3 Ch En)	Augusta, Ga.
Barber, B. P. (2 ME)	Columbia
Barbot, D. C. (1 E-EE)*	Florence
Bare, G. (1 Pre-Med)	Starr
Barfield, D. A. (3 VAE)	Kershaw
Barfield, W. M. (2 Ag En)	Sumter
Barker, H. V. (2 ME)	Seneca
Barker, J. A. (1 E-ME)	Allendale
Barker, R. E. (1 A-Hort)	Conway
Barker, V. R. (1 E-Ag En)	Allendale
Barksdale, W. H. (2 VAE)	Gray Court
Barnes, G. T. (3 A&S)	Savannah, Ga.
Barnes, L. A. (3 Ind Ed)	Rock Hill
Barnes, R. E. (2 TM)	Rutherfordton, N. C.
Barnes, W. E. (3 TM)	Rockingham, N. C.
Barnett, E. W. (2 TM)	Great Falls
Barnett, J. E. (3 Pre-Med)	Marietta
Barnwell, C. S. (4 TE)	Macon, Ga.
Barr, W. H. (1 E-EE)*	Rion
Barrett, C. M. (2 TC)	Lancaster
Barrett, R. F. (2 TM)	Greenwood
Barrow, J. O. (1 Ar En)*	North Augusta
Bartlett, F. O. (1 E-Ch En)*	Spartanburg
Barton, E. B. (3 EE)	Winnsboro
Barton, F. W. (2 ME)	Aiken
Barton, J. T. (1 E-EE)	Greer
Barton, P. H. (4 ME)	Travelers Rest
Baskin, R. R. (4 Dairy)	Bishopville
Bass, T. C. (1 E-CE)*	Greenville
Bates, B. L. (2 CE)	Spartanburg
Bates, E. (2 TM)	Rock Hill
Bates, E. L. (1 E-EE)*	Neeses
Bates, L. L. (1 E-EE)*	Greenville
Bates, S. W. (2 EE)	Navy Yard
Bates, W. E. (4 TE)	Spartanburg
Batson, H. E. (1 T-TM)*	Greenville
Batson, L. P. (4 TE)	Greenville
Bauknight, L. M. (G Ag Ec)	Clemson
Baxley, D. C. (3 Pre-Med)	Kershaw
Baxley, O. E. (4 AH)	Kershaw
Beach, G. A. (4 ME)	Columbia
Beach, H. F. (4 Agron)	Walterboro
Beach, M. G. (2 Chem)	Walterboro
Beam, C. C. (4 VAE)	Lawndale, N. C.
Beam, D. G. (1 E-CE)	Spartanburg
Bearden, H. J. (2 TM)	Cliffside, N. C.
Beatty, C. H. (2EE)	Dunbarton
Beaty, F. E. (2 ME)	Charleston
Bedell, R. B. (1 A-AH)	Ridgeland
Bedenbaugh, D. M. (1 Ed)*	Prosperity
Bedenbaugh, E. J. (3 AH)	Prosperity
Bedenbaugh, H. M. (2 VAE)	Kinards
Bedenbaugh, P. H. (3 VAE)	Leesville
Beeks, J. R. (1 E-ME)	Greenville
Belch, B. J. (1 Ed)*	Cayce
Belcher, G. W. (2 Ind Ed)	Port Orchard, Wash.
Bell, C. C. (2 A-Ag Ec)	Marion
Bell, G. E. (1 VAE)*	Cordova
Bell, G. M. (2 Ar En)	Anderson
Bell, J. D. (3 EE)	Navy Yard
Bell, J. E. (3 ME)	Orangeburg
Bell, J. P. (2 TM)	North Augusta
Bell, K. R. (4 AH)	Lydia
Bell, L. J. (2 A-Ag Ec)	Wampee
Bell, R. (2 Ag En)	Hartsville
Bell, R. S. (1 Arch)*	Anderson
Bellamy, C. S. (1 E-EE)*	Bamberg
Bellamy, O. H. (3 EE)	Florence
Benfield, P. L. (2 Ag En)	York
Bennett, R. J. (1 T-TM)*	Lockhart
Bennett, R. W. (1 Pre-Med)	Asheville, N. C.
Benton, O. F. (2 TM)	Eufaula, Ala.
Benton, P. L. (1 A)*	Timmonsville
Berger, K. (2 Ar En)	Baltimore, Md.
Berly, J. C. (3 EE)	Pomaria
Berly, R. H. (4 EE)	Lexington
Berman, E. G. (4 TE)	Brooklyn, N. Y.
Berman, J. A. (1 Pre-Med)	Brighton, Mass.
Berry, B. C. (2 A-Ag Ec)	Johnston
Berry, E. B. (S)*	Clemson
Berry, E. M. (1 E-Ag En)	North Charleston
Berry, H. M. (1 E-Ag En)*	North Charleston
Berry, J. B. (3 EE)	Dunwoody, Ga.

Name and Course	Address
Berry, J. M. (1 A-Dairy)	Pelzer
Berry, J. N. (3 Pre-Med)	Dunwoody, Ga.
Berry, R. W. (2 Chem & Ind Phys)	Atlanta, Ga.
Berry, W. E. (1 E-Ag En)*	Elloree
Berry, W. W. (1 A&S)	Greenville
Besson, W. T. (2 Pre-Med)	North Augusta
Bethea, J. O. (4 Ag En)	Darlington
Bettis, F. A. (2 Ar En)	Greenville
Bevis, J. H. (3 EE)	Charleston
Beyer, F. W. (S)*	Clemson
Bianchi, C. A. (3 Ind Ed)	Blythewood
Bibb, J. W. (1 E-EE)*	Seneca
Bibb, S. M. (1 E-EE)	Seneca
Bigelow, R. J. (1 Pre-Med)*	North Charleston
Binnicker, M. (1 VAE)	Norway
Bird, L. S. (3 Agron)	Greenville
Biser, H. H. (3 Ag En)	Columbia
Bisher, E. P. (3 Ch En)	Kingston, Pa.
Bishop, B. C. (2 EE)	Greenwood
Bishop, J. C. (3 Hort)	Frogmore
Bishop, M. B. (2 TM)	Landrum
Black, B. R. (1 E-EE)*	Union
Black, E. W. (3 Chem)	Barnwell
Black, H. N. (3 Ag En)	Ruffin
Black, J. A. (2 TM)	York
Black, J. B. (3 TM)	Honea Path
Black, J. M. (2 TM)	Anderson
Black, J. T. (3 VAE)	Leesville
Blackmon, W. N. (4 ME)	Rock Hill
Blackwelder, H. V. (1 Arch)*	Clinton
Blackwell, H. D. (3 Ar En)	Newry
Blackwell, J. B. (1 E-Ag En)*	Landrum
Blackwell, J. H. (2 ME)	Marion
Blair, A. E. (3 EE)	Greenville
Blair, G. W. (1 E-EE)*	Savannah, Ga.
Blakely, E. (4 TE)	Greenville
Blanchett, D. O. (3 Ch En)	Greenville
Blanchett, M. P. (3 TE)	Abbeville
Bland, H. E. (1 E-Ag En)*	Gaffney
Blankenship, C. P. (3 Ag Ec)	Fort Mill
Blanton, O. H. (4 Agron)	Tabor City, N. C.
Blocker, D. D. (2 A-Hort)	Walterboro
Bloxham, A. W. (2 TC)	Lyman
Blyth, E. K. (1 E-EE)*	Naval Base
Blythe, J. W. (2 ME)	Pelzer
Boazman, E. R. (4 AH)	Chappells
Bobo, E. F. (1 A&S)*	Anderson
Bobo, L. W. (1 E-ME)*	Gray Court
Bobo, R. S. (4 TE)	Greenville
Bobo, T. P. (2 EE)	Greenville
Bodie, A. B. (3 EE)	Newberry
Bodie, W. G. (3 EE)	Wagener
Bodiford, H. O. (1 Pre-For)	Clemson
Boggs, C. D. (3 VAE)	Seneca
Boggs, R. H. (2 TC)	Anderson
Boggs, R. V. (4 VAE)	Seneca
Boissoneault, K. B. (1 E)*	Navy Yard
Boland, G. E. (1 E-ME)*	Newberry
Bolender, C. L. (1 A-AH)	Haverford, Pa.
Bolick, R. A. (2 TM)	Brookford, N. C.
Boliek, W. P. (3 EE)	Central
Boliver, T. E. (3 A&S)	Columbia
Bolt, I. P. (1 T-TM)	Anderson
Bolt, W. F. (3 CE)	Anderson
Bomar, L. S. (1 E-Ch En)*	Greenville
Bonds, R. S. (3 TE)	Georgetown
Bonner, S. C. (1 T-TM)*	Mountain Rest
Bonnoitt, E. L. (3 EE)	Florence
Booker, M. P. (PG Arch)	Pendleton
Booth, L. P. (2 A-Ag Ec)	Sumter
Boozer, H. S. (2 CE)	Denmark
Boozer, J. S. (4 VAE)	Chappells
Boroni, H. L. (3 ME)	Brooklyn, N. Y.
Bosdell, F. A. (3 TM)	Greenwood
Bost, W. J. (4 EE)	Spartanburg
Boston, R. S. (2 ME)	Columbia
Boswell, D. F. (1 E-ME)*	Manning
Bouchard, R. H. (2 Ch En)	Langley
Bouknight, J. E. (2 EE)	Newberry
Bourne, C. R. (1 Pre-Med)*	Georgetown
Bowen, D. B. (2 EE)	Pickens
Bowen, J. H. (2 A-Hort)	Westminster
Bowen, R. E. (1 E-ME)*	Greenville
Bowen, R. H. (2 EE)	Greenville
Bowen, R. L. (1 T-TM)*	Central
Bowen, R. N. (1 E-CE)*	Chesnee
Bowen, R. R. (1 E-TE)	Greenville
Bowen, W. K. (2 EE)	Piedmont
Bowers, G. W. (2 EE)	Central
Bowers, J. H. (1 Pre-Med)	West Union
Bowers, R. H. (4 Hort)	Fitzgerald, Ga.
Boyd, G. M. (2 ME)	Spartanburg
Boyd, H. S. (2 TM)	Laurens
Boyd, M. H. (1 E-ME)*	West Columbia
Boyd, W. B. (3 ME)	Greenville
Boykin, F. R. (2 A&S)	Georgetown
Boykin, H. D. (1 A&S)*	Boykin
Boykin, J. D. (2 Ed)	Georgetown
Boykin, L. H. D. (4 Hort)	Boykin
Boykin, P. S. (4 ME)	Boykin
Boykin, T. R. (1 E)	McColl
Boykin, W. B. S. (2 Pre-Med)	Boykin
Boyle, C. R. (1 Arch)*	Columbia
Boyles, J. C. (3 CE)	Savannah, Ga.
Boylston, R. E. (2 TM)	Charleston
Bozard, J. D. (4 Ag Ec)	Orangeburg
Bozard, J. L. (2 Pre-Med)	Orangeburg
Brackett, G. D. (2 ME)	Rock Hill
Brackett, N. C. (3 A&S)	Pickens
Bradfield, J. W. (2 CE)	Charlotte, N. C.
Bradford, F. P. (4 Ag En)	Sumter
Bradford, J. A. (3 TM)	Anderson
Bradham, L. L. (3 A&S)	Sumter
Bradley, G. H. (4 ME)	New Smyrna Beach, Fla.
Bradley, R. C. (3 TM)	Greenville
Brannen, J. E. (2 Ag En)	Register, Ga.
Brantly, R. S. (1 Pre-Med)	Charleston
Branyon, E. H. (1 E-EE)	Greenville
Brasington, W. W. (1 E-ME)*	Darlington
Braswell, H. A. (4 ME)	Marion
Brawley, J. T. (3 TM)	Chester
Bray, J. T. (1 E-CE)*	Greenville
Brewster, V. A. (2 Pre-Med)	Cedartown, Ga.
Bridges, J. E. (2 TE)	Rock Hill
Bridwell, M. N. (2 TM)	Greenville
Bright, H. E. (1 T-TM)	Radford, Va.
Bright, M. (3 A&S)	Lyman
Brinkley, J. A. (1 E-Ch En)*	Signal Mountain, Tenn.
Brisendine, R. S. (2 TE)	East Point, Ga.
Britton, W. B. (3 EE)	Columbia
Broadway, J. R. (2 Ag En)	Summerton
Broadwell, E. T. (3 TM)	Sumter
Brock, D. C., Jr. (1 E-ME)*	Clemson
Brock, D. C., Sr. (S)	Clemson
Brock, J. G. (2 TM)	Whitmire
Brockman, E. D. (2 Ch En)	Greenville
Brockmann, H. E. (2 TC)	Charlotte, N. C.
Brodie, B. M. (2 A-AH)	Aiken
Brodie, W. F. (1 Pre-Med)*	Columbia
Brooks, J. P. (1 E-ME)*	Charleston
Brooks, T. F. (2 A&S)	Timmonsville
Browder, J. M. (1 T-TM)	Columbia
Brown, B. W. (3 ME)	Starr
Brown, C. L. (3 Hort)	Anderson
Brown, C. S. (1 A&S)*	Westminster
Brown, D. C. (1 E-EE)	Greenville
Brown, E. R. (1 A-Ag Ec)*	Iva
Brown, F. N. (2 ME)	Greenville
Brown, G. E. (1 E-CE)	Iva
Brown, G. W. (3 Ag En)	Hickory Grove
Brown, H. D. (1 A)*	Hartsville
Brown, H. E. (4 TE)	Greenville
Brown, H. G. (4 Chem)	Orangeburg

Name and Course	Address
Brown, J. K. (PG Ch En)	Travelers Rest
Brown, J. L. (4 TE)	Hartwell, Ga.
Brown, J. M. (3 A&S)	Mountain Rest
Brown, R. B. (2 Pre-For)	Sumter
Brown, R. C. (2 A-AH)	Spartanburg
Brown, Richard E. (1 E-EE)*	Abbeville
Brown, Robert E. (1 T-TM)*	Greenville
Brown, R. M. (1 A-Agron)	Iva
Brown, R. S. (1 T-TM)	Clemson
Brown, S. C. (4 ME)	Charleston
Brown, W. J. (2 A&S)	Walhalla
Brown, W. L. (3 AH)	York
Brown, William M. (3 TM)	Greenville
Brown, Wilson M. (1 E-ME)	Waycross, Ga.
Brown, W. S. (1 E-EE)*	Washington, D. C.
Bruce, A. C. (3 CE)	Seneca
Bruce, L. L. (1 A&S)	Erwin, Tenn.
Brumley, J. E. (1 T-TM)	Greenville
Brunson, E. M. (2 Arch)	Estill
Brunson, J. F. (4 CE)	Fairfax
Brunson, J. W. (1 A)*	Sumter
Brunson, M. O. (2 Chem)	Estill
Brunson, W. E. (2 ME)	Sumter
Brutcher, C. K. (1 Pre-Med)	Savannah, Ga.
Bryan, W. J. (2 A-AH)	Walterboro
Bryans, W. B. (4 CE)	Dublin, Ga.
Bryant, E. R. (2 VAE)	Pacolet
Bryant, I. W. (2 TM)	Inman
Brylowe, N. (1 Ed)*	Elmwood, Conn.
Bryson, T. J. (1 Pre-Med)*	Mountville
Bubes, D. C. (1 T-TM)*	Newark, N. J.
Buchanan, K. H. (2 TE)	Anderson
Buchanan, L. H. (4 TE)	Marietta
Buchanan, W. C. (1 A&S)	Marietta
Buchman, D. I. (3 EE)	New York, N. Y.
Buck, C. E. (3 ME)	Greenville
Buck, H. S. (2 TC)	Edgemoor
Buist, S. J. (1 Pre-Med)*	Blackville
Bull, F. A. (2 EE)	Greenville
Bull, J. H. (1 A)*	Taylors
Bull, J. P. (3 Ag En)	Santee
Bultman, P. H. (3 Arch)	Sumter
Bundy, J. G. (2 EE)	Bennettsville
Bunger, A. W. (2 ME)	Savannah, Ga.
Bunker, F. E. (2 ME)	Greenwich, Conn.
Burch, M. B. (1 E-EE)*	Florence
Burdette, H. Y. (3 A&S)	Charleston
Burdette, J. S. (2 CE)	Greenville
Burdette, L. W. (4 EE)	Greenville
Burley, M. M. (2 Ind Ed)	Spartanburg
Burnett, C. B. (4 TE)	Spartanburg
Burnett, W. C. (2 TM)	Johnston
Burnette, H. W. (S)	Clemson
Burns, L. E. (3 TE)	Greenville
Burns, R. E. (4 Ag Ec)	Laurens
Burns, W. H. (4 TE)	Clemson
Burton, C. J. (1 E-ME)	Westminster
Burton, J. A. (2 Arch)	Greensboro, N. C.
Busby, A. F. (1 A-AH)	Anderson
Busch, C. W. (2 A&S)	Aiken
Bush, J. J. (2 Ag En)	Allendale
Butler, J. B. (2 Arch)	Greenville
Button, R. F. (2 A&S)	Pittsview, Ala.
Butts, W. W. (2 A-Hort)	Walhalla
Byars, W. A. (1 E-ME)	Lowrys
Byers, R. C. (1 E-TE)	Laurens
Byrd, E. A. (2 CE)	Branchville
Byrd, J. A. (2 TM)	Greenville
Cagle, M. E. (2 A-AH)	Andrews
Calder, J. F. (1 A-Hort)	James Island
Caldwell, E. M. (3 Agron)	Roebuck
Caldwell, J. C. (3 CE)	Charlotte, N. C.
Caldwell, V. B. (4 CE)	Blacksburg
Calhoun, A. P. (2 A&S)	Savannah, Ga.
Calhoun, J. P. (4 CE)	Sumter
Calhoun, J. R. C. (4 GS)	Dillon
Califf, T. H. (3 Chem)	Charleston
Caligan, J. A. (1 T-TM)	Greenville
Calvert, Jackie W. (1 T-TM)*	Spartanburg
Calvert, John W. (2 TM)	Abbeville
Calvert, L. (2 TM)	Mount Holly, N. C.
Calvert, R. L. (4 TE)	Honea Path
Cameron, F. B. (2 TE)	Greenville
Cameron, J. T. (2 TM)	Chester
Campbell, B. C. (1 E-EE)*	Greenville
Campbell, H. M. (1 E-ME)*	Anderson
Campbell, R. D. (3 CE)	Spartanburg
Campbell, W. L. (2 TM)	Greenville
Canfield, J. F. (2 Ag En)	Greenwood
Cannada, R. L. (1 T-TC)	Taylors
Cannon, C. B. (3 EE)	Laurens
Cannon, H. T. (4 EE)	Newberry
Cannon, L. R. (2 A&S)	Anderson
Cannon, M. P. (3 TM)	Greenville
Cantrell, J. L. (2 TM)	Fort Mill
Capelle, C. D. (2 EE)	Clemson
Cappelmann, E. H. (4 ME)	Columbia
Cappelmann, F. J. (3 EE)	Beaufort
Cardwell, J. C. (1 Pre-Med)	Lenoir City, Tenn.
Carlson, P. G. (1 E-Ch En)	North Augusta
Carlton, C. C. (4 TE)	Anderson
Carmichael, C. (3 Ag En)	Fork
Carmichael, C. F. (1 A)*	Fork
Carmichael, K. S. (1 E-ME)*	Lynchburg
Carneal, R. B. (1 E-EE)*	Alexandria, Va.
Carnell, E. F. (4 Agron)	Union
Carothers, J. F. (1 E-TE)*	Rock Hill
Carpenter, W. L. (2 EE)	Greenville
Carr, J. G. K. (1 Ar En)	Myrtle Beach
Carr, W. G. (1 E-Ch En)*	Union
Carroll, C. R. (2 A&S)	Blackville
Carroll, J. H. (1 E-TE)	Anderson
Carson, A. B. (4 EE)	Greenville
Carson, C. E. (2 TM)	Spartanburg
Carson, L. A. (3 TM)	Orangeburg
Carter, C. C. (4 VAE)	Leo
Carter, E. C. (2 Ch En)	Lamar
Carter, James H. (3 A&S)	Georgetown
Carter, Joseph H. (4 TE)	Newton, N. C.
Carter, J. O. (1 A-AH)*	Hemingway
Carter, J. R. (2 EE)	Greenville
Carter, L. D. (3 Dairy)	Ehrhardt
Carter, S. T. (1 E-EE)	Columbia
Carter, T. (2 TM)	Langley
Carter, W. C. (2 VAE)	Catawba
Carter, W. G. (1 E-Ch En)*	Greenville
Cartwright, T. C. (4 AH)	York
Carwile, A. B. (4 Ag En)	Abbeville
Carwile, J. P. (3 TM)	Abbeville
Cash, W. G. (1 E-TE)*	Taylors
Cashion, M. H. (2 EE)	Greenwood
Castelloe, J. B. (1 E-EE)*	Greenville
Castles, D. F. (2 EE)	Winnsboro
Cates, J. M. (2 Arch)	Savannah, Ga.
Cates, J. W. (1 E-ME)	Seneca
Cathcart, J. F. (1 T-TM)*	Bishopville
Cathcart, W. R. (3 Ind Ed)	Spartanburg
Cato, L. (3 A&S)	Monetta
Cato, L. F. (4 AH)	Monetta
Caughman, K. G. (4 ME)	Elizabeth, N. J.
Caulder, S. L. (1 A)*	Lake City
Causey, C. E. (2 A-Hort)	Furman
Causey, J. F. (4 Dairy)	Furman
Cauthen, M. B. (1 A)*	Heath Springs
Cauthen, V. W. (3 EE)	Greenville
Cecil, O. K. (2 Ar En)	Spartanburg
Chalker, A. L. (2 ME)	South Orange, N. J.
Chalmers, C. M. (1 E-TE)	Greenwood
Chalmers, J. F. (4 TE)	Honea Path
Chalmers, J. W. (3 TM)	Greenwood
Chambers, H. C. (3 CE)	Beaufort
Chambers, J. E. (1 E-EE)	Piedmont
Chamness, E. (2 Ag En)	Bennettsville
Chamness, W. B. (1 Ar En)	Bennettsville
Champion, J. C. (3 ME)	Shelby, N. C.

Name and Course	Address
Chandler, E. T. (4 VAE)	Olanta
Chandler, J. A. (2 CE)	Clinton
Chandler, J. C. (2 A&S)	Westminster
Chaplin, J. F. (4 Agron)	Myrtle Beach
Chaplin, R. L. (4 Ind Phys)	Ridgeland
Chapman, J. W. (1 T-TM)*	Spartanburg
Chapman, R. H. (1 T-TM)	Spartanburg
Chapman, W. H. (3 EE)	Piedmont
Chapman, W. M. (3 TM)	Spartanburg
Chapman, W. O. (1 E-ME)	Liberty
Chapman, W. R. (3 Pre-Med)	Inman
Charles, T. L. (1 E-EE)	Greenwood
Chastain, R. C. (4 VAE)	Pickens
Chastain, W. B. (4 Ag En)	Pickens
Cheatham, C. E. (4 Arch)	Greenville
Cheatham, R. J. (3 TM)	New Orleans, La.
Cherry, H. J. (2 A-Agron)	Charlotte, N. C.
Childers, W. G. (4 Ind Ed)	Cheraw
Childers, W. J. (3 TM)	York
Childress, J. L. (1 E-TE)*	Fort Knox, Ky.
Childress, J. R. (1 VAE)	Six Mile
Chovan, T. M. (1 E-EE)	Bethlehem, Pa.
Christenberry, R. E. (4 TE)	Greenville
Christopher, J. A. (1 E-Ag En)*	Landrum
Claffy, J. F. (1 T-TM)*	Spartanburg
Claffy, L. R. (1 T-TM)	Spartanburg
Clancy, J. P. (2 TC)	Lancaster
Clanton, J. C. (1 Pre-Med)*	Charlotte, N. C.
Clanton, R. M. (2 Pre-Med)	Darlington
Clardy, J. E. (3 VAE)	Wampee
Clardy, W. W. (3 CE)	Arlington, Va.
Clark, B. D. (2 VAE)	Johnston
Clark, G. L. (1 E-EE)	Johnston
Clark, J. F. (3 TM)	Walhalla
Clark, J. I. (1 T-TM)*	Greenville
Clark, L. S. (1 A-AH)	Johnston
Clark, M. A. (1 T-TM)	Hartsville
Clark, O. M. (1 T-TM)	Clemson
Clark, W. K. (2 TE)	Walhalla
Clark, W. L. (1 E-ME)*	Smithtown, N. Y.
Clarke, L. W. (2 A-AH)*	Pineville
Clarkin, J. R. (1 Arch)	Charleston
Clarkson, H. C. (1 E-CE)*	Cheraw
Clayton, D. H. (1 E-Ch En)*	Dorchester
Clayton, R. M. (3 CE)	Pickens
Clayton, W. T. (4 Agron)	Central
Clegg, J. M. (2 A-Hort)	Ridgeland
Cleland, C. H. (2 EE)	Ridgeland
Clemens, J. C. (2 A&S)	Clemson
Clement, C. W. (2 A-Dairy)	Inman
Clemmer, R. H. (4 Hort)	Ridgeland
Cleveland, J. O. (2 TM)	Anderson
Clinkscales, H. S. (2 VAE)	Starr
Clinkscales, M. M. (2 TM)	Abbeville
Cloaninger, B. D. (G Agron)	Clemson
Coakley, D. H. (1 Ed)*	Washington, D. C.
Cobb, J. C. (2 TM)	Cateechee
Cobb, W. A. (3 TE)	Pelzer
Cochran, A. L. (1 E-ME)	Clemson
Cochran, L. M. (1 A)	Anderson
Cochran, W. R. (2 Ind Ed)	Seneca
Cockfield, T. A. (3 CE)	Scranton
Cockrell, C. T. (4 TE)	Clemson
Coclin, C. G. (4 Dairy)	Beaufort
Cofer, C. M. (1 E-Ag En)	Charlotte, N. C.
Coffey, E. S. (4 CE)	Manning
Cohen, E. D. (3 ME)	Charleston
Cohen, P. B. (2 A-Agron)	Waynesboro, Ga.
Coker, F. T. (3 TM)	Columbia
Coker, H. (4 GS)	Turbeville
Coker, J. W. (1 Arch)*	Turbeville
Coleman, A. B. (3 Agron)	Anderson
Coleman, C. D. (1 E-CE)*	Anderson
Coleman, W. D. (3 EE)	Greenwood
Coleman, W. R. (2 CE)	Saluda
Collings, T. A. (2 Pre-Med)	Clemson
Collins, J. L. (2 ME)	Spartanburg
Collins, J. M. (3 ME)	Greenville
Collins, R. F. (2 Ch En)	Greenville
Compton, B. O. (3 Ind Ed)	Greenwood
Compton, J. D. (1 T-TC)*	Spartanburg
Cone, F. (1 Ed)*	Elmore, Ala.
Coney, J. R. (3 Arch)	Columbia
Conn, J. R. (3 TE)	Woodruff
Connell, W. J. (1 E-ME)*	Greenville
Connelly, G. W. (2 EE)	Newberry
Connelly, J. G. (4 TE)	Morganton, N. C.
Connolly, H. M. (2 TM)	Ware Shoals
Connor, J. D. (2 Pre-Med)	Walterboro
Connor, T. M. (3 CE)	Bowman
Conte, A. L. (1 E-ME)*	Central
Converse, S. W. (1 T-TM)*	Spartanburg
Conway, J. W. (2 EE)	Somerville, Mass.
Conyers, J. L. (4 Agron)	Cartersville, Ga.
Cook, C. C. (3 EE)	Prosperity
Cook, J. B. (1 E-CE)*	Woodruff
Cook, J. H. (2 TM)	Travelers Rest
Cook, L. H. (3 EE & ME)	Bishopville
Cook, O. C. (1 VAE)	Owings
Cook, T. S. (1 VAE)	Sumter
Cook, W. H. (3 Agron)	Bartow, Fla.
Cook, W. T. (1 VAE)	Owings
Cooper, H. M. (3 EE)	Greenville
Cooper, J. L. (4 Ch-En)	Greenville
Cooper, J. N. (3 Arch)	Washingtonville, N. Y.
Cooper, J. W. (3 ME)	Spartanburg
Cooper, L. R. (2 A&S)	Travelers Rest
Cooper, R. E. (1 Pre-Med)*	Columbia
Cooper, W. P. (1 T-TM)	Columbia
Cope, J. H. (4 Dairy)	Cope
Copeland, G. P. (3 Agron)	Clinton
Corbett, L. W. (1 Pre-Med)	Wagener
Corbett, W. E. (1 E-ME)*	Mountville
Corey, H. S. (3 EE)	Asheville, N. C.
Corker, R. P. (4 ME)	Springfield
Corley, C. C. (2 Pre-Med)	Aiken
Corley, E. A. (1 Pre-Med)*	Greenwood
Corley, E. J. (2 TE)	Ninety Six
Corley, E. L. (3 Dairy)	Saluda
Corley, L. P. (3 TM)	Harrison, N. Y.
Corn, J. P. (2 VAE)	Greenville
Cornette, J. J. (2 Pre-Med)	Oakridge, Tenn.
Cornwell, N. S. (2 Arch)	Fort Myers, Fla.
Costello, W. V. (1 A&S)	Georgetown
Cothran, H. H. (1 T-TM)	Sandy Springs
Cothran, J. B. (2 TM)	Sandy Springs
Cothran, J. E. (3 Arch)	Inman
Cothran, J. R. (2 Ag En)	Inman
Cothran, O. R. (1 VAE)	Pickens
Cotten, T. R. (3 CE)	Charleston
Coursey, J. T. (2 Ar En)	Charlotte, N. C.
Courtenay, St. J. (2 TM)	Greenville
Courtney, R. O. (1 E-CE)	Johnston
Cousar, R. L. (1 A)	Sardinia
Cousins, C. E. (4 Dairy)	Columbia
Cousins, W. R. (2 ME)	Newberry
Covington, D. H. (1 Pre-Med)	Burnsville, N. C.
Covington, J. F. (3 EE)	Clio
Covington, N. J. (1 E-EE)*	Charlotte, N. C.
Cowan, D. E. (2 TM)	Abbeville
Cox, A. B. (1 E-CE)*	Denmark
Cox, A. C. (4 GS)	Dawson, Ga.
Cox, Charlie D. (1 E-Ch En)	Albany, Ga.
Cox, Clyde D. (3 ME)	Walhalla
Cox, C. R. (1 Ed)	Camden
Cox, F. L. (2 A-AH)	Smyrna, Ga.
Cox, H. B. (1 A)*	Johnsonville
Cox, J. E. (3 CE)	Decatur, Ga.
Cox, J. F. (3 ME)	Marion
Cox, J. T. (PG CE)	Clinton
Coxe, W. B. (3 TM)	Greenville
Coyle, H. B. (2 TE)	Gaffney
Craig, D. L. (3 A&S)	Greenville

Name and Course	Address
Craig, H. B. (3 AH)	Liberty
Craig, J. E. (4 AH)	Salem
Craig, J. F. (2 Pre-Med)	Eastover
Craig, J. H. (1 E-EE)*	Greenville
Craig, J. T. (2 Ag En)	Pickens
Craig, K. R. (1 Ar En)*	Greenville
Craig, M. A. (1 E-ME)	Clover
Cranston, J. C. (3 EE)	Augusta, Ga.
Crapse, H. M. (1 E-ME)	Estill
Crapse, J. L. (3 AH)	Estill
Craven, J. C. (2 Pre-Med)	Rock Hill
Craven, W. H. (2 A-Agron)	Bamberg
Crawford, B. L. (3 Ar En)	Chester
Crawford, C. M. (3 Chem)	Greenville
Crawford, D. E. (G)	Clemson
Crawford, H. O. (3 Ag Ec)	Clemson
Crawford, J. H. (2 A-Hort)	Clemson
Crawford, J. M. (3 ME)	Spartanburg
Crawford, R. L. (4 ME)	Savannah, Ga.
Creamer, B. H. (1 A-AH)	Anderson
Creech, H. L. (1 A)	Olar
Creighton, C. S. (2 A-Ent)	North Augusta
Crenshaw, C. L. (2 A-Ag Ec)	Pendleton
Cribb, C. T. (1 A-AH)	Hemingway
Cribb, J. T. E. (1 Pre-Med)*	Spartanburg
Crim, J. E. (1 E-EE)*	Summerville
Crisanti, J. W. (3 A&S)	Manasquan, N. J.
Cromer, W. C. (1 T-TM)*	Whitmire
Cromwell, R. B. (2 A&S)	Chester
Cronk, L. J. (4 Arch)	Metuchen, N. J.
Crosland, L. K. (1 Pre-Med)	Bennettsville
Cross, D. E. (3 EE)	Georgetown
Crouch, R. W. (2 ME)	Greenville
Crowe, R. N. (3 Arch)	Greenwood
Crumpton, C. H. (4 TE)	Orangeburg
Cudworth, T. F. (2 CE)	Greensboro, N. C.
Culberson, C. K. (1 T-TM)*	Union
Cummings, G. N. (1 E-CE)*	Summerville
Cureton, W. M. (3 Arch)	Union
Curley, J. P. (1 E-TE)	Augusta, Ga.
Currence, W. F. (2 Pre-For)	Asheville, N. C.
Currie, E. G. (1 E-EE)*	Lake View
Currie, L. G. (1 A-Ag Ec)	Clio
Curry, E. L. (1 A-AH)*	Gray Court
Curry, J. M. (1 A-Agron)	Gray Court
Curry, W. L. (3 Arch)	Mullins
Cushman, J. E. (1 A-Dairy)*	Chester
Dabney, F. D. (1 E-ME)*	Rock Hill
Dalton, J. A. (3 A&S)	Seneca
Dalton, J. J. (3 EE)	Norris
Dameron, R. M. (1 E-Ch En)*	Greenville
Daniel, G. G. (1 Ar En)*	North Augusta
Daniel, H. G. (2 Ch En)	Charlotte, N. C.
Daniel, J. D. (3 Agron)	Lake City
Danner, O. F. (2 A&S)	Jonesville
Darby, G. M. (1 E-CE)*	Mount Pleasant
Darby, W. E. (2 A&S)	Fort Motte
Dargan, A. S. (3 ME)	Darlington
Darlington, S. P. (4 ME)	Mount Pleasant
Davenport, C. F. (1 E-ME)	Greenville
Davenport, R. E. (4 A&S)	Williamston
Davenport, R. M. (4 CE)	Miami, Fla.
Davis, B. W. (2 TM)	Greenville
Davis, C. E. (2 CE)	Greenwood
Davis, D. (4 Agron)	Seneca
Davis, D. L. (1 Chem)	Greer
Davis, E. L. (3 TM)	Pelzer
Davis, G. S. (3 TE)	Greenville
Davis, H. (1 E-ME)*	Townville
Davis, H. M. (1 E-ME)	Summerton
Davis, John M. (1 E-ME)*	Newberry
Davis, Judson M. (2 VAE)	Norway
Davis, L. R. (2 CE)	Chicago, Ill.
Davis, M. V. (2 ME)	Wedgefield
Davis, N. E. (2 A-AH)	Mullins
Davis, P. C. (1 E-CE)*	Greenville
Davis, R. (2 VAE)	Johns Island
Davis, R. E. (1 T-TM)	Fountain Inn
Davis, R. F. (4 ME)	Columbia
Davis, R. S. (3 TM)	Spencer, N. C.
Davis, T. L. (PG Ag Ec)	Buffalo
Davis, V. G. (3 EE)	Greer
Davis, W. L. (3 ME)	Easley
Dawsey, J. E. (1 E-TE)	Conway
Day, J. E. (1 Ind Ed)	Chester
Day, J. H. (1 E-ME)*	North Charleston
Deanhardt, L. C. (2 TE)	Belton
Dearman, W. P. (1 E-EE)*	Greenville
Deas, B. F. (1 E-TE)*	Rock Hill
Deas, J. W. (2 ME)	Rock Hill
Deas, V. J. (3 EE)	Rock Hill
Deason, J. T. (1 T-TM)*	McCormick
Dees, E. L. (1 Arch)*	Blenheim
Dees, W. M. (1 A-Hort)	Blenheim
Delk, W. S. (1 T-TM)*	Greenville
DeLoach, W. W. (2 TM)	Columbia
DeLorme, H. M. (3 Ent)	Columbia
Demosthenes, S. A. (4 CE)	Beaufort
Dennis, T. W. (1 E-CE)*	Johnsonville
Dent, J. E. (1 T-TM)	Columbia
Denton, D. W. (3 CE)	Decatur, Ga.
Derieux, W. T. (2 A-Poul)	Blythewood
Derrick, B. M. (4 TE)	Irmo
Derrick, C. W. (4 VAE)	Columbia
Derrick, R. W. (1 E-EE)*	Johnston
DesChamps, W. P. (3 CE)	Bishopville
Devlin, G. M. (2 ME)	Greenwood
Devlin, J. R. (4 ME)	Greenwood
DeVore, W. N. (3 CE)	Ninety Six
DeYoung, L. B. (2 A-Hort)	Clemson
Dibble, A. J. (4 Hort)	Orangeburg
Dibble, L. M. (3 EE)	Orangeburg
Dickerson, R. R. (4 ME)	Spartanburg
Dickert, H. D. (1 E-EE)	Orangeburg
Dicks, A. F. (1 A)*	Dunbarton
Dickson, J. F. (2 EE)	Rock Hill
Dilfield, R. E. (2 Ar En)	Newport News, Va.
Dillard, C. R. (3 VAE)	Seneca
Di Marzo, J. M. (1 E-CE)	Irvington, N. J.
Dinkins, J. G. (3 AH)	Manning
Dixon, L. F. (4 TE)	Greenville
Dixon, W. L. (1 E-EE)	Sumter
Dobbins, J. C. (1 A-AH)	Townville
Dobbins, J. P. (2 EE)	Spartanburg
Dobson, C. S. (1 E-EE)*	Wellford
Dobson, J. W. (2 A-Agron)	Central
Dobson, R. T. (1 E-CE)	Central
Dockins, N. C. (1 E-TE)*	Anderson
Dodds, L. A. (2 EE)	Charleston
Dodson, C. A. (3 Chem)	Greenville
Donegan, T. D. (2 A&S)	Woodruff
Donkle, I. L. (3 TM)	Greenville
Donovan, R. D. (2 Ag En)	Birmingham, Ala.
Doolittle, A. M. (4 EE)	Athens, Ga.
Dorn, M. D. (2 EE)*	Greenwood
Dorsey, A. C. (4 TE)	Greenville
Dorsey, M. H. (3 EE)	Navy Yard
Douglass, G. G. (3 TM)	Winnsboro
Douglass, H. A. (2 A)	Columbia
Dowis, W. S. (3 Arch)	Spartanburg
Dowling, J. H. (1 E-TE)*	Chester
Doyle, C. B. (3 A)	Anderson
Doyle, O. H. (2 A&S)	Anderson
Drafts, J. T. (1 Ar En)	Lexington
Drake, W. H. (1 E-EE)*	Donalds
Dreher, F. E. (S Pre-Med)	West Columbia
Drew, R. M. (4 A&S)	Ridgeland
Driver, B. (2 EE)	Westminster
Drummond, H. L. (2 ME)	Ninety Six
Drummond, P. A. (1 A)	Woodruff
Drummond, T. L. (3 Agron)	Woodruff
DuBose, C. R. (2 ME)	Ellenton
DuBose, R. C. (4 Agron)	Lamar
Duckworth, R. J. (2 TM)	Westminster
Duckworth, R. M. (2 Arch)	Westminster

Name and Course	Address
DuCom, E. L. (1 E-ME)*	Sumter
Dudley, M. K. (1 E-EE)*	Hartsville
Dugan, J. D. (2 ME)	Easley
Dukes, D. E. (2 Arch)	Orangeburg
Dumas, A. L. (1 E-ME)	Rockmart, Ga.
Dunaway, T. W. (3 Chem)	Thomaston, Ga.
Duncan, F. H. (1 E-ME)*	Clemson
Duncan, J. D. (3 Ag Ec)	Loris
Duncan, R. E. (1 E-ME)*	Callison
Duncan, R. M. (2 ME)	Union
Dunlap, H. L. (3 ME)	Rock Hill
Dunn, D. L. (1 E-EE)	Warrenville
Dunn, J. C. (1 E-ME)	Central
DuRant, S. E. (4 AH)	Alcolu
Dusenberry, F. C. (2 TM)	Donalds
Dusenberry, G. R. (PG ME)	Due West
Dwyer, J. F. (3 ME)	Columbus, Miss.
Dyer, C. A. (3 TC)	Charleston
Eargle, J. C. (2 Ch En)	Parr
Eargle, V. H. (4 EE)	Leesville
Earle, E. B. (3 VAE)	Central
Earle, G. C. (1 E-ME)*	Washington, D. C.
Earle, J. R. (3 Pre-Med)	Walhalla
Earle, W. B. (1 Arch)	Walhalla
Earle, W. H. (1 E-Ag En)*	Greenville
Earnhardt, M. M. (3 Ch En)	Kannapolis, N. C.
Earnhardt, R. A. (1 T-TM)*	Spartanburg
Easterling, J. L. (1 A-Agron)	Hartsville
Eberhart, H. C. (3 ME)	Anderson
Edens, H. C. (4 Ag En)	Dalzell
Edens, J. A. (3 TE)	Summerton
Edmondson, H. G. (4 ME)	Spartanburg
Edney, E. P. (2 Ar En)	Charleston
Edney, R. H. (2 Ar En)	Asheville, N. C.
Edwards, B. D. (2 Pre-For)	Canton, N. C.
Edwards, B. F. (1 E-ME)*	Abbeville
Edwards, D. C. (3 ME)	Fountain Inn
Edwards, J. (1 E-Ag En)*	Blackville
Edwards, L. L. (2 Ag En)	Marion
Edwards, S. J. (2 EE)	Latta
Edwards, T. F. (1 T-TM)*	Ninety Six
Edwards, W. H. (1 Pre-For)*	Starke, Fla.
Eleazer, G. W. (2 TM)	Columbia
Elliott, W. H. (1 A-AH)	Summerville
Ellis, C. W. (4 A&S)	Brunswick, Ga.
Ellison, J. R. (1 E-EE)*	Williamston
Ellison, L. A. (2 ME)	Great Falls
Ellison, R. C. (2 TC)	Lancaster
Ellison, W. R. (1 E-EE)	Anderson
Elmore, G. F. (2 A)	Greer
Elms, D. F. (3 TM)	Fort Mill
Elrod, A. C. (3 ME)	Walhalla
Elrod, C. V. (4 TE)	Central
Elrod, M. C. (3 TM)	Piedmont
Elrod, R. F. (1 E-EE)*	Piedmont
Elrod, W. C. (3 ME)	Walhalla
Elrod, W. H. (1 E-TE)*	Seneca
Emanuel, F. C. (4 Hort)	Rembert
Emerson, J. H. (3 Ch En)	Atlanta, Ga.
Emory, W. C. (2 EE)	Gastonia, N. C.
Enloe, W. P. (3 TM)	Roanoke, Ala.
Epps, C. O. (2 Ag En)	Latta
Epps, F. Q. (1 E-Ag En)	New Zion
Epps, S. (3 TM)	Fort Mill
Epting, J. F. (2 EE)	Charleston
Erkes, G. R. (3 TC)	Rock Hill
Ervin, J. B. (1 E-CE)*	Florence
Ervin, S. F. (1 A)*	Florence
Erwin, A. M. (3 TM)	Abbeville
Eskew, T. E. (2 TE)	Gaffney
Eskridge, K. C. (1 Pre-Med)	Cheraw
Eskridge, W. (2 CE)	Cheraw
Espieg, W. E. (2 TE)	Clinton
Estes, S. R. (2 A-Hort)	Greenville
Estridge, I. M. (3 AH)	Lancaster
Eubanks, L. (3 TM)	Graniteville
Eubanks, W. S. (2 A)	Blackville
Euwer, D. B. (4 GS)	Greenville
Evans, C. D. (S)*	Clemson
Evans, C. H. (1 E-EE)*	North Charleston
Evans, D. L. (2 A-AH)	Holly Hill
Evans, J. S. (4 Ag En)	New Zion
Evans, J. William (3 TE)	Pinewood
Evans, J. Workman (4 EE)	Kingstree
Evans, P. C. (4 VAE)	Elloree
Evans, W. C. (1 T-TM)	Clemson
Evans, W. D. (1 E-Ag En)	Kingstree
Evatt, A. H. (1 E-TE)*	Easley
Evatt, T. R. (1 E-Ag En)	Seneca
Eve, P. F. (2 EE)	Beaufort
Exum, C. P. (4 Arch)	Salisbury, N. C.
Facchin, G. J. (1 A&S)	Brentwood, Mo.
Faile, B. M. (2 VAE)	Kershaw
Fair, H. H. (2 TC)	Greenville
Fair, J. C. (4 TE)	Greenville
Fair, J. H. (2 A&S)	St. Matthews
Fairey, T. B. (2 EE)	Orangeburg
Fairey, W. S. (2 A)	Orangeburg
Falkner, I. L. (3 EE)	Charlotte, N. C.
Falls, E. D. (1 E-Ch En)*	Greenville
Falls, H. (3 AH)	Asheville, N. C.
Fanning, M. H. (2 VAE)	Newberry
Fanning, W. H. (1 Arch)*	Columbia
Fant, A. R. (3 Ar En)	Anderson
Fant, C. W. (3 Arch)	Anderson
Fant, G. C. (3 A&S)	Anderson
Fant, M. A. (4 GS)	Anderson
Farah, A. D. (4 Ind Ed)	Whitmire
Farah, C. E. (3 Ind Ed)	Whitmire
Farbstein, S. B. (PG Ch En)	Beaufort
Farmer, A. R. (1 Pre-For)	Mountain Rest
Farmer, J. A. (3 CE)	Anderson
Farmer, J. M. (2 TM)	Anderson
Farmer, K. B. (1 E-Ch En)*	Tomotla, N. C.
Farmer, L. P. (2 EE)	Spartanburg
Farmer, R. E. (3 Arch)	Anderson
Farrell, J. G. (4 TE)	Drayton
Farris, W. E. (2 EE)	Rock Hill
Faucett, J. W. (1 Pre-Med)	Union
Felkel, L. W. (4 ME)	Cameron
Fellers, Q. H. (2 TM)	Prosperity
Fellers, R. H. (3 Arch)	Newberry
Fendley, J. E. (2 TM)	Westminster
Fennell, J. E. (2 EE)	Hardeeville
Ferguson, C. R. (2 TE)	Atlanta, Ga.
Ferguson, G. R. (1 E-ME)*	Bowling Green
Ferguson, J. C. (1 E-EE)*	West Asheville, N. C.
Ferguson, T. M. (2 A&S)	York
Ferguson, W. L. (2 Arch)	Spartanburg
Few, B. E. (1 E-ME)	Pickens
Few, R. A. (3 ME)	Greer
Ficken, G. E. (1 VAE)	Early Branch
Fickling, H. E. (1 A)	Ridgeland
Fields, L. J. (2 VAE)	Lamar
Finklea, G. C. (4 Pre-Med)	Pamplico
Finley, G. L. (1 E-EE)	Mountville
Fisher, L. (3 TE)	Belton
FitzSimons, F. L. (2 Ag En)	Hendersonville, N. C.
FitzSimons, W. S. (PG Ar En)	Charleston
Fleming, G. R. (2 TM)	Chester
Flemming, W. R. (4 AH)	Gable
Fletcher, J. W. (3 VAE)	McColl
Florence, O. G. (2 ME)	Wrens, Ga.
Flowers, F. M. (1 A-Agron)*	Darlington
Flowers, H. S. (4 ME)	Sumter
Flowers, J. P. (1 E-Ag En)	Darlington
Floyd, L. W. (3 AH)	Manning
Floyd, P. R. (3 CE)	Greenville
Floyd, R. M. (1 A)*	Lake City
Flynn, G. S. (3 Ind Ed)	Lancaster
Foard, W. W. (3 ME)	Marion
Fogle, M. S. (1 A)*	Orangeburg
Folk, D. D. (4 Arch)	Greenville

Name and Course	Address
Folk, D. P. (2 CE)	Denmark
Folk, J. M. (1 E-TE)*	Bamberg
Folk, R. H. (4 Ind Ed)	Belton
Font, J. A. (4 CE)	Santurce, P. R.
Fooshe, W. K. (1 T-TC)	Hodges
Ford, D. M. (1 E-EE)*	Clover
Fore, C. W. (1 E-Ag En)	Latta
Foreman, F. L. (3 Agron)	Ellenton
Forrester, J. T. (1 E-TE)	Plum Branch
Foster, D. A. (3 Pre-Med)	Greenwood
Foster, E. L. (2 Arch)	Spartanburg
Foster, H. B. (3 TM)	Spartanburg
Foster, J. B. (1 E-CE)*	Woodruff
Foster, P. F. (3 TM)	Fountain Inn
Foster, R. R. (2 VAE)	Chesnee
Foster, T. D. (1 Chem)*	Spartanburg
Foster, T. S. (2 CE)	Greenville
Fowler, H. W. (3 TE)	Union
Fowler, J. B. (1 E-ME)	Greenville
Fowler, J. W. (3 CE)	Gaffney
Fowler, R. D. (1 T-TM)	Anderson
Fowler, W. (1 E-EE)	Pacolet Mills
Fowler, W. C. (2 Ar En)	Columbia
Fowler, W. E. (1 A)	Jonesville
Fox, T. S. (4 GS)	Ravenel
Fox, W. I. (3 Ch En)	Meggetts
Foy, H. B. (2 Arch)	Waynesville, N. C.
Fraissor, J. (1 E-EE)*	Whitmire
Fralick, O. H. (1 E-CE)*	Walterboro
France, R. H. (PG TC)	Spartanburg
France, T. N. (4 TE)	Spartanburg
Franks, H. L. (2 CE)	Greenville
Fraser, W. T. (3 TM)	Greenville
Frazer, J. W. (3 Pre-Med)	Charlotte, N. C.
Frazer, S. M. (4 Dairy)	Chester
Freeman, C. Edward (1 T-TM)	Greenville
Freeman, C. Edwin (3 AH)	Liberty
Freeman, E. A. (3 CE)	Clemson
Friar, R. G. (3 TE)	Montmorenci
Frick, C. B. (3 TE)	Clifton
Frick, R. K. (2 Pre-Med)	Spartanburg
Frick, W. H. (3 TM)	Newberry
Frierson, J. A. (1 E-EE)*	Summerton
Frierson, J. L. (1 A-Hort)*	Westminster
Fripp, W. E. (2 Ar En)*	Florence
Frye, R. S. (4 ME)	Atlanta, Ga.
Funchess, M. D. (2 Ag En)	Rowesville
Funchess, W. H. (4 Agron)	Rowesville
Funderburk, H. A. (1 A)*	Pageland
Furr, E. F. (1 Pre-Med)	Rock Hill
Furse, G. H. (2 VAE)	Summerton
Gabrels, J. L. (4 ME)	Spartanburg
Gabriel, N. R. (1 Ar En)	Memphis, Tenn.
Gaddis, R. S. (2 Ar En)	Taylors
Gaddy, J. D. (2 TM)	McColl
Gage, G. (1 E-TE)*	Clemson
Gage, R. (3 TM)	Anderson
Gaillard, E. L. (1 E-EE)*	Williamston
Gaillard, J. W. (1 T-TM)	Walhalla
Gaillard, W. H. D. (1 E-EE)*	Florence
Gaillard, W. L. (4 Pre-Med)	Williamston
Gainer, C. E. (2 A&S)	Lancaster
Gaines, H. P. (2 EE)	Honea Path
Gaines, J. C. (1 E-ME)*	Liberty
Gaines, J. O. (1 A)	Townville
Gaines, J. R. (2 TM)	Liberty
Gaines, W. A. (3 ME)	Central
Gallivan, H. F. (2 CE)	Greenville
Gamble, H. W. (1 Pre-For)	Henry
Gamble, W. A. (2 VAE)	Charleston
Gambrell, C. B. (3 ME)	Birmingham, Ala.
Gambrell, C. E. (4 VAE)	Piedmont
Gambrell, C. H. (1 E-EE)*	Greenville
Gambrell, F. M. (2 Ag En)	Pendleton
Gambrell, G. C. (4 TE)	Seneca
Gambrell, H. L. (1 E-EE)	Pendleton
Gammon, J. T. R. (1 T-TM)*	Mayesville
Gandy, H. W. (1 E-EE)	Hartsville
Gandy, V. (2 A-Hort)	Florence
Gardner, G. N. (1 T-TM)*	Lancaster
Gardner, J. E. (3 TM)	Goldville
Gardner, J. M. (1 Ind Ed)	Hartsville
Gardner, R. W. (1 E-Ag En)*	Pritchardville
Gardner, T. B. (2 CE)	Mullins
Garner, R. L. (4 TE)	Union
Garraux, J. H. (4 ME)	Greenville
Garren, C. F. (4 TE)	Greenwood
Garren, C. H. (1 T-TM)	Calhoun, Ga.
Garren, D. H. (1 E-ME)	Easley
Garren, D. M. (3 EE)	Greenville
Garrett, C. M. (3 ME)	Travelers Rest
Garrett, H. Y. (1 E-CE)*	Norris
Garrett, J. E. (2 EE)	Orangeburg
Garrett, J. L. (3 TM)	Belton
Garrett, O. S. (1 Chem)	Greenville
Garrison, A. F. (3 TC)	Hartwell, Ga.
Garrison, E. W. (1 T-TM)*	Sandy Springs
Garrison, F. B. (2 Ag En)	Anderson
Garrison, R. E. (1 E-ME)*	Greenville
Garrison, W. H. (1 Arch)	Columbia
Garvin, P. M. (3 Ag En)	Greenwood
Gasque, R. B. (3 Arch)	Marion
Gaston, J. M. (1 A-Dairy)*	Richburg
Gaston, J. P. (1 A-Dairy)*	Richburg
Gaston, M. (2 Ag En)	Duncan
Gaston, W. W. (3 AH)	Richburg
Gatlin, K. A. (1 E-ME)*	Newberry
Gaulden, D. H. (3 CE)	Rock Hill
Gaulden, F. E. (1 Arch)*	Laurens
Gault, J. D. (3 A&S)	Blacksburg
Gault, T. D. (3 A&S)	Gaffney
Geddings, S. B. (3 EE)	Wedgefield
Gerald, J. O. (4 Ag Ec)	Loris
Gerrald, J. E. (1 Pre-Med)*	Galivants Ferry
Gerritsen, B. H. (3 Chem)	Anderson
Gervais, J. L. (4 CE)	Johns Island
Gervais, P. E. (3 Ag En)	Johns Island
Gettys, M. E. (2 A-Hort)	Gaffney
Gettys, R. A. (2 ME)	Rock Hill
Gibbons, L. W. (2 VAE)	Turbeville
Gibby, W. J. (2 EE)	Greenville
Gibson, J. H. (1 E-Ag En)	Chester
Gibson, W. R. (3 ME)	Taylors
Gibson, W. W. (1 E-ME)*	Greenville
Gignilliat, W. W. (4 Ch En)	Macon, Ga.
Gilbert, F. C. (1 A-Hort)	Newberry
Gilden, J. H. (1 T-TM)	Walhalla
Gill, W. P. (3 TM)	Rock Hill
Gillespie, F. I. (4 EE)	Tams, W. Va.
Gillespie, J. F. (1 E-CE)	Montgomery, Ala.
Gillespie, J. W. (4 Chem)	Walhalla
Gillespie, R. (1 Pre-Med)*	Liberty
Gillespie, R. L. (1 Pre-Med)	Tams, W. Va.
Gilliam, J. W. (3 AH)	Abbeville
Gilliam, S. G. (2 VAE)	Abbeville
Gilliland, J. F. (1 Ind Ed)	Iva
Gilmore, R. S. (2 Ar En)	Spartanburg
Gilmore, W. F. (2 Ind Ed)	Santuck
Gilpin, A. T. (2 A-AH)	Chester
Gilstrap, M. K. (1 A&S)	Liberty
Ginn, A. H. (1 E-ME)*	Hemingway
Ginter, W. C. (3 EE)	Charlotte, N. C.
Gissell, L. C. (1 Pre-For)*	Charleston
Gladden, T. W. (3 VAE)	Lowrys
Glasscock, E. P. (1 E-Ag En)*	Catawba
Gleason, E. R. (1 E-EE)*	Dillon
Glenn, B. A. (1 E-Ch En)*	Greenville
Glenn, C. H. (3 TE)	Greenville
Glenn, E. S. (1 E-ME)	Summerville
Glenn, F. E. (4 TE)	Greer
Glenn, G. A. (3 TE)	Fair Play
Glenn, J. D. (3 ME)	Hartsville
Glenn, J. M. (1 T-TM)	Greenville
Glenn, J. N. (4 CE)	Clemson
Godwin, C. V. (3 CE)	Sumter

Name and Course	Address
Godwin, J. F. (1 A-AH)*	Coward
Godwin, W. Y. (3 Ag En)	Summerton
Goff, A. L. (2 VAE)	Saluda
Gohagan, D. B. (4 VAE)	Furman
Goldfinch, J. B. (1 E-ME)	Conway
Goldsmith, D. L. (3 Pre-Med)	Greenville
Gooch, G. M. (1 Ar En)	Spartanburg
Goodman, J. S. (3 CE)	Clemson
Goodman, W. M. (3 VAE)	Olanta
Goodwin, W. T. (3 EE)	Spartanburg
Goodyear, H. H. (2 A)	Nichols
Gorman, F. (4 EE)	St. Petersburg, Fla.
Goudelock, W. J. (3 Pre-Med)	Cateechee
Gough, S. W. (1 Ind Ed)*	Chester
Gowan, G. L. (1 T-TM)*	Spartanburg
Gowdy, J. E. (1 E-Ag En)	Cades
Graham, B. J. (1 A)*	Kenmore, N. Y.
Graham, B. M. (1 T-TC)*	Rock Hill
Graham, F. A. (1 A-AH)*	Lake City
Graham, J. D. (1 VAE)	Conway
Graham, J. R. (1 E-Ag En)	Inman
Graham, R. L. (3 VAE)	Seneca
Graham, T. H. (4 TE)	Scranton
Graham, W. D. (4 TE)	Rock Hill
Graham, W. H. (2 VAE)	Anderson
Gramling, A. C. (4 Agron)	Orangeburg
Gramling, A. S. (4 Agron)	Orangeburg
Gramling, C. S. (2 EE)	Orangeburg
Gramling, J. M. (2 A-AH)	Orangeburg
Grant, W. C. (3 AH)	Andrews
Gravlee, J. G. (4 EE)	De Land, Fla.
Gravlee, R. W. (2 CE)	De Land, Fla.
Gray, J. R. (3 Arch)	Anderson
Gray, W. J. (4 Agron)	Savannah, Ga.
Green, E. H. (2 VAE)	Dyersburg, Tenn.
Green, F. H. (2 EE)	Griffin, Ga.
Green, H. T. (1 E-EE)*	Manning
Green, J. W. (3 VAE)	Turbeville
Greene, B. J. (1 E-ME)*	Travelers Rest
Greene, C. R. (2 TE)	Newry
Greene, E. H. (4 TE)	Greenwood
Greer, F. (2 EE)*	Duncan
Gregg, J. M. (1 T-TC)*	Hemingway
Gregg, W. B. (2 Ind Ed)	Kingstree
Gregory, J. W. (1 A-AH)*	Union
Gregory, W. C. (3 Arch)	Chesnee
Gressette, W. C. (2 ME)	Florence
Grice, G. D. (2 A&S)	Charleston
Griffin, B. L. (1 E-EE)*	Central
Griffin, D. H. (2 CE)	Saluda
Griffin, F. F. (3 TM)	Greenville
Griffin, T. L. (2 Pre-Med)	Florence
Griffith, W. A. (1 T-TM)	Lancaster
Griggs, G. W. (2 TM)	Society Hill
Grigsby, B. L. (1 VAE)	Saluda
Grimball, I. H. (1 E-CE)	Johns Island
Grist, W. L. (1 T-TM)	York
Guess, J. F. (2 EE)	Greenville
Guest, C. M. (3 Ch-En)	Greenville
Guest, F. K. (4 Ch-En)	Taylors
Gulledge, C. J. (4 AH)	Wedgefield
Gulledge, C. N. (3 VAE)	Mount Croghan
Gulledge, H. H. G. (1 A-Dairy)	Callison
Gulledge, J. M. (3 Dairy)	Callison
Gulledge, L. M. (2 A-AH)	Wedgefield
Gunby, F. M. (2 ME)	Winchester, Mass.
Gunnels, W. F. (4 EE)	Aiken
Gunnin, E. A. (2 Ar En)	Starr
Guyton, L. S. (1 A)	Pee Dee
Gwinn, J. D. (1 E-ME)	Greenville
Gwinn, N. S. (2 TE)	Woodruff
Gwinn, W. R. (4 CE)	Roebuck
Haas, W. V. (1 Pre-Med)*	Greenville
Hadden, S. J. (4 Agron)	Westminster
Haddon, C. J. (2 TE)	Abbeville
Haddon, F. M. (1 T-TM)	Anderson
Hagen, J. G. (4 Dairy)	Abbeville
Hagen, S. A. (1 Arch)	Abbeville
Hagins, L. E. (1 Arch)*	Lancaster
Haigler, D. G. (2 A-AH)	Cameron
Haigler, E. V. (2 A-Agron)	Cameron
Haigler, L. M. (3 AH)	Cameron
Haines, C. E. (4 AH)	Hyattsville, Md.
Hair, C. A. (3 Ar En)	Fairfax
Hair, T. L. (3 TM)	Anderson
Hale, W. R. (2 EE)	Greenville
Hall, C. E. (1 E-EE)*	Anderson
Hall, C. L. (3 TM)	Winnsboro
Hall, F. N. (2 ME)	Spartanburg
Hall, H. T. (1 VAE)	Bethune
Hall, J. Q. (1 A-Dairy)*	York
Hall, M. B. (3 Ag En)	York
Hall, R. A. (3 VAE)	Camden
Hall, R. S. (1 E-ME)*	Belton
Hall, T. C. (1 VAE)	Mount Ulla, N. C.
Halliday, Q. S. (3 TM)	Spartanburg
Haltiwanger, W. L. (4 VAE)	Little Mountain
Hambright, R. E. (1 Pre-Med)*	Grover, N. C.
Hamby, R. C. (1 A)*	Simpsonville
Hamer, C. P. (1 A)*	Tatum
Hamer, J. W. (3 Ar En)	Tatum
Hamilton, C. H. (1 E-EE)	Atlanta, Ga.
Hamilton, E. H. (2 ME)	Seneca
Hamilton, F. P. (2 Ed)	Seneca
Hamilton, G. W. (1 T-TM)	Whitmire
Hamilton, J. H. (1 E-Ag En)	Fort Mill
Hamilton, L. C. (1 A-Hort)	Easley
Hammett, J. M. (3 Ag En)	Gaffney
Hammett, J. S. (1 T-TM)	Anderson
Hammett, L. R. (3 Ag En)	Gaffney
Hammett, R. H. (3 TM)	Walhalla
Hammond, A. F. (2 EE)	Florence
Hammond, E. B. (1 T-TM)	Johnsonville
Hammond, F. P. (4 TE)	Greenville
Hammond, G. F. (2 VAE)	Seneca
Hammond, H. D. (2 A-Ag Ec)	Seneca
Hammond, J. C. (1 VAE)	Aiken
Hammond, L. H. (2 A-Ag Ec)	Seneca
Hammond, W. T. (4 ME)	Charleston
Hamrick, L. F. (1 A)*	Gaffney
Hamrick, R. Y. (3 ME)	Boiling Springs, N. C.
Hance, H. L. (2 CE)	Lancaster
Hance, J. T. (1 Pre-For)	Heath Springs
Hanckel, R. M. (4 Dairy)	Charleston
Hancock, A. B. (1 Pre-Med)*	Ruby
Hancock, R. B. (3 Ent)	Ruby
Hancock, W. C. (1 E-EE)*	Ruby
Hand, A. M. (4 TC)	Hardeeville
Hand, R. B. (3 CE)	Florence
Hann, J. F. (2 TE)	Easley
Hanna, E. H. (2 A)	Gifford
Hanna, L. F. (1 A-Agron)	Johnsonville
Hanna, R. G. (3 EE)	Bennettsville
Hannah, G. R. (1 A-AH)	Charleston
Hanvey, E. A. (3 CE)	McCormick
Hanvey, R. E. (3 Ag En)	McCormick
Hanvey, S. (1 T-TM)	Walhalla
Hardaway, H. M. (3 CE)	Dillon
Hardee, F. F. (2 EE)	Conway
Hardee, J. G. (4 Ag Ec)	Loris
Hardee, O. L. (1 VAE)*	Andrews
Hardee, W. O. (3 VAE)	Greelyville
Harden, J. E. (1 T-TM)*	Walhalla
Harden, M. L. (1 T-TM)	Walhalla
Hardin, F. L. (2 A&S)	Chester
Hardin, J. T. (2 TM)	Whitmire
Hardwick, L. D. (3 EE)	Rock Hill
Hare, W. W. (2 ME)	Madison
Hargrove, R. C. (3 Ind Ed)	Miami, Fla.
Harley, A. H. (1 E-CE)*	Starke, Fla.
Harley, J. P. (1 A-Hort)	Trenton
Harlow, R. F. (1 Ed)*	Washington, D. C.
Harper, F. G. (3 CE)	Anderson
Harper, J. E. (1 E-ME)*	Seneca
Harper, J. G. (1 A&S)*	Anderson

Name and Course	Address
Harper, J. M. (2 CE)	Greenville
Harper, W. W. (1 E-ME)	Seneca
Harrell, H. P. (2 Pre-For)*	North Augusta
Harrelson, G. (1 Pre-Med)	Georgetown
Harrelson, M. W. (3 ME)	Georgetown
Harrington, R. P. (4 TE)	Manning
Harrington, W. L. (3 TM)	Greelyville
Harris, D. D. (3 ME)	Laurens
Harris, E. O. (2 TM)	Spartanburg
Harris, G. J. (4 VAE)	Madison
Harris, G. M. (3 CE)	Taylors
Harris, G. S. (2 CE)	Daytona Beach, Fla.
Harris, H. S. (1 E-CE)*	Union
Harris, J. W. (4 VAE)	Madison
Harris, M. D. (3 ME)	Camden
Harrison, A. C. (2 TM)	Spartanburg
Harrison, H. H. (3 CE)	Greenville
Harrison, J. A. (1 E-ME)	Clemson
Harrison, J. P. (3 CE)	Troy
Harrison, M. M. (2 VAE)	Pelzer
Harrison, P. B. (3 Arch)	St. Matthews
Harrold, J. H. (3 TM)	Pacolet Mills
Hart, E. C. (1 E-ME)	Darlington
Hart, F. M. (2 VAE)	Union
Hart, J. C. (2 A-Dairy)	Greenville
Hart, J. D. (2 EE)	Kelton
Harte, N. N. (4 TE)	Spartanburg
Harter, R. L. (1 VAE)*	Fairfax
Hartin, D. O. (3 TM)	Greenville
Harvey, N. L. (1 E-Ag En)*	Summerville
Hasek, W. J. J. (2 Chem)	Carteret, N. J.
Haselden, F. O. (2 Ag En)	Scranton
Hastings, J. W. (2 TM)	Chester
Hastings, S. W. (1 A-Ag Ec)	Norfolk, Va.
Hatfield, H. B. (3 Ch En)	Sumter
Hawkins, G. E. (3 Dairy)	Greenwood
Hawkins, J. C. (1 T-TM)*	Greenville
Hawkins, T. R. (1 A)*	Greenwood
Hawthorne, R. F. (3 TE)	Due West
Hay, D. E. (4 Ag En)	Johns Island
Hay, E. G. (3 CE)	Johns Island
Hay, S. L. (3 AH)	Johns Island
Hay, W. D. (1 E-EE)*	Florence
Hayes, C. C. (1 A)*	Naval Base
Hayes, G. (1 E-ME)*	Ellenton
Hayes, M. L. (1 A)*	Anderson
Hayes, R. F. (3 TE)	Chester
Haynes, G. C. (2 CE)	Cliffside, N. C.
Haynie, H. A. (2 TM)	Anderson
Hayslip, C. C. (3 ME)	Spartanburg
Hazle, J. D. (2 TE)	Woodruff
Head, H. A. (2 ME)	Jacksonville, Fla.
Healan, R. W. (2 Arch)	Rock Hill
Heape, C. (1 E-ME)*	Luray
Heape, J. N. (3 EE)	Charleston
Heaton, C. E. (4 TE)	Piedmont
Heaton, J. L. (3 TC)	Anderson
Hedden, G. C. (3 Ar En)	Badin, N. C.
Hedgepath, H. D. (1 Arch)	Columbia
Heinbockel, R. H. (2 TM)	Manhasset, N. Y.
Helms, J. M. (4 A&S)	Rock Hill
Helms, W. E. (1 E-ME)*	Molino, Fla.
Hemminger, J. M. (3 GS)	Willington
Hemphill, F. D. (3 Arch)	Columbia
Hemphill, G. F. (4 TC)	Greenwood
Hendricks, D. (1 E-Ag En)	Liberty
Hendricks, R. D. (1 E-Ag En)*	Easley
Hendricks, R. L. (1 VAE)*	Central
Hendrix, J. L. (3 EE)	Anderson
Hendrix, R. C. (3 TE)	Greenville
Heniford, D. O. (1 E-Ag En)*	Loris
Henke, R. A. (2 ME)	Rye, N. Y.
Henry, J. D. (1 E-ME)*	Simpsonville
Herber, H. H. (3 ME)	Bethlehem, Pa.
Herbert, A. M. (3 ME)	Anderson
Herd, L. O. (2 TM)	Piedmont
Herlihy, F. W. (3 ME)*	Orangeburg
Herlong, B. H. (2 Ag En)	Saluda
Herlong, D. P. (1 Pre-Med)*	Rock Hill
Herlong, J. E. (4 Hort)	Saluda
Herlong, P. B. (4 VAE)	Johnston
Herns, C. K. (4 ME)	Charleston
Herring, R. C. (2 A-Agron)	Marion
Herron, W. C. (3 Ch En)	Anderson
Hester, J. T. (1 A)*	Calhoun Falls
Hewin, L. M. (4 ME)	Ware Shoals
Hewitt, R. T. (2 A-AH)	Florence
Heyd, R. L. (2 EE)*	New York, N. Y.
Hickerson, J. G. (3 A&S)	Greensboro, N. C.
Hicklin, M. D. (1 A&S)*	Columbia
Hicklin, R. M. (4 TE)	Richburg
Hicks, B. D. (2 ME)	Fort Mill
Hicks, J. F. (2 Ag En)	York
Hicks, R. A. (2 TM)	Winnsboro
Hicks, R. G. (3 ME)	Spartanburg
Higdon, R. J. (3 Hort)	Gay, N. C.
Hildebrand, E. J. (2 ME)	Washington, D. C.
Hill, A. W. (4 EE)	Spartanburg
Hill, C. B. (4 TE)	Fountain Inn
Hill, Charles E. (1 A-Hort)*	Charleston
Hill, Clarence E. (1 E-TE)*	Greenville
Hill, F. D. (2 TM)	Spartanburg
Hill, Jack D. (1 E-ME)*	Greenville
Hill, James D. (2 ME)	Sanford, N. C.
Hill, J. T. (3 EE)	Timmonsville
Hill, T. A. (2 Ag En)	Florence
Hill, T. E. (3 VAE)	Hartsville
Hiller, R. E. (2 ME)	Greenville
Hilton, A. W. (1 VAE)	Kershaw
Hindman, C. C. (3 EE)	Greenville
Hinton, C. R. (1 A-AH)*	Ninety Six
Hiott, C. E. (3 Agron)	Round O
Hittinger, E. M. (1 E-EE)	Weatherly, Pa.
Hodge, C. R. (3 Pre-Med)	Alcolu
Hodge, J. H. (1 E-CE)*	Greenville
Hodge, S. E. (2 CE)	Georgetown
Hodges, G. L. (3 TM)	Anderson
Hodges, H. M. (1 E-CE)*	Columbia
Hodges, M. L. (3 Ag En)	Conway
Hodges, W. A. (1 A&S)	Mullins
Hoffmann, R. M. (1 Pre-Med)*	Fountain Inn
Hogan, J. D. (3 A&S)	Columbia
Hoke, H. R. (3 TE)	Newton, N. C.
Holcombe, B. F. (1 E-ME)*	Central
Holcombe, C. W. (2 ME)	Greenville
Holcombe, W. G. (3 ME)	Greenville
Holden, R. M. (3 Ed)	Clemson
Holden, W. I. (1 Arch)	Central
Holladay, C. H. (2 CE)	Sumter
Holland, G. H. (2 Arch)	Fountain Inn
Holland, J. C. (1 E-ME)*	Mooresboro, N. C.
Holland, J. P. (3 TE)	Columbia
Holland, M. (4 EE)	Bowersville, Ga.
Hollembeak, H. A. (3 ME)	Greenville
Holley, J. R. (1 A&S)*	Aiken
Holley, R. H. (2 A-Agron)	Aiken
Holliday, C. A. (2 VAE)	Liberty
Holliday, L. E. (2 A&S)	Manning
Hollingsworth, A. W. (3 A&S)	Greenwood
Hollingsworth, J. C. (3 VAE)	Troy
Hollis, C. E. (1 T-TM)	Central
Hollis, E. J. (3 TM)	Chester
Hollis, N. M. (3 TM)	Rock Hill
Hollis, T. J. (2 Arch)	Union
Holroyd, R. F. (3 Arch)	Anderson
Holroyd, W. T. (4 A&S)	Anderson
Holshouser, W. A. (2 A&S)	Erwin, Tenn.
Holt, E. E. (4 TE)	Spartanburg
Honeycutt, R. G. (2 TC)	Marion, N. C.
Hood, C. D. (1 E-ME)*	McCormick
Hood, R. W. (2 EE)	Greenville
Hood, W. C. (2 Ch En)*	Easley
Hooker, B. A. (4 EE)	Greenville
Hooper, J. B. (1 E-TE)*	Anderson

Name and Course	Address
Hooton, W. A. (1 T-TC)*	North Augusta
Hoover, J. A. (1 E-ME)*	North Charleston
Hope, R. M. (1 A-Poul)*	Rock Hill
Hopkins, J. (3 EE)	Greenville
Hopper, I. D. (1 T-TM)	Chester
Hord, H. E. (1 E-EE)*	Sharon
Horne, C. C. (1 E-EE)	Charleston
Hornick, F. J. (1 E-CE)*	Fair Play
Horton, E. M. (2 ME)	Spartanburg
Houston, F. M. (1 Arch)*	Columbia
Howard, A. M. (1 E-ME)	Greenville
Howard, C. C. (2 VAE)	Pickens
Howell, C. C. (3 GS)	Troy, N. C.
Howell, C. L. (1 E-EE)	Greer
Howell, C. R. (4 TE)	Greer
Howell, J. I. (1 Pre-Med)*	Inman
Howell, J. R. (1 A-AH)	Thomaston, Ga.
Howell, K. P. (1 A&S)*	Conway
Howell, W. F. (3 EE)	Lancaster
Howle, D. M. (2 Ag En)	Darlington
Howle, T. L. (1 E-ME)*	Florence
Hubbard, E. B. (4 ME)	Sumter
Hubbard, P. (1 E-EE)*	Tatum
Huckabee, J. L. (2 EE)	Marion
Hucks, C. B. (2 EE)	Savannah, Ga.
Hucks, C. C. (1 E-ME)*	Aynor
Hucks, E. (2 VAE)*	Aynor
Hudgens, J. M. (1 E-EE)*	Laurens
Hudson, B. E. (3 TM)	Greenville
Hudson, D. J. (2 Ar En)	Greenville
Hudson, J. E. (PG TC)	Greenville
Hudson, P. B. (2 TM)	West Union
Hudson, R. L. (1 E-EE)*	North Charleston
Hudson, Richard W. (2 EE)	Sumter
Hudson, Robert W. (1 E-ME)*	North Charleston
Huff, C. E. (1 T-TM)	Woodruff
Huff, O. F. (2 Ag En)	Branchville
Huffman, J. L. (1 VAE)	Newberry
Huffman, S. J. (1 E-EE)*	Charleston
Huggins, N. P. (1 Pre-For)*	Mullins
Hughes, J. L. (1 T-TM)	Donalds
Hughey, H. D. (3 EE)	Greer
Huiet, G. E. (3 Ar En)	Trenton
Hull, P. D. (3 Ind Ed)	Westminster
Hulon, H. E. (1 T-TM)*	Union
Humphries, W. B. (3 A&S)	Gaffney
Hunnicutt, J. A. (3 Ar En)	Greenville
Hunnicutt, W. C. (1 T-TM)	Anderson
Hunsuck, S. E. (4 Chem)	Whitney
Hunsuck, W. F. (2 ME)	Whitney
Hunt, D. B. (1 Ind Ed)	Greenville
Hunt, J. F. (2 CE)	Liberty
Hunt, S. P. (3 VAE)	Fountain Inn
Hunt, W. R. (1 E-CE)	Rowesville
Hunter, J. E. (3 EE)	Columbia
Hunter, J. R. (2 Arch)	Lancaster
Hunter, J. T. (3 A&S)	Marion
Hunter, M. P. (1 E-ME)	Lanford
Hunter, W. H. (4 Pre-Med)	Greenville
Hurley, R. C. (2 TM)	Greenville
Hutchings, J. M. (3 EE)	Norwood, Ohio
Hutchins, D. C. (1 VAE)	Walhalla
Hutchinson, C. G. (1 VAE)	Nichols
Hutson, H. C. (4 ME)	Charleston
Hutto, F. B. (4 Chem)	Jacksonville, Fla.
Hyman, D. E. (1 Pre-Med)*	Conway
Iler, H. B. (3 TE)	Greenville
Imershein, R. E. (4 ME)	Woodmere, N. Y.
Inabinet, H. S. (1 A-Ag Ec)*	Swansea
Inabinet, J. R. (3 TM)	St. Matthews
Inabinett, J. W. (3 Arch)	Bowman
Ingle, J. A. (2 Ch En)	Asheville, N. C.
Ingram, C. H. (4 ME)	Hartsville
Irwin, W. R. (2 ME)	Spartanburg
Iturralde, G. A. (4 ME)	Guantanamo, Cuba

Name and Course	Address
Ivester, J. M. (2 TM)*	Greenville
Ivester, J. R. (3 Pre-Med)	Walhalla
Ivey, J. W. (4 EE)	Spartanburg
Ivey, S. A. (3 A&S)	Downers Grove, Ill.
Ix, F. W. (3 TM)	Charlottesville, Va.
Jack, G. B. (1 E-ME)	South Salem, N. Y.
Jackson, J. C. (3 VAE)	Camden
Jackson, J. M. (1 E-ME)	Rock Hill
Jackson, J. P. (3 Agron)	Sumter
Jackson, R. N. (4 Arch)	Anderson
Jackson, R. S. (2 VAE)	Manning
Jackson, T. A. (2 TM)	Great Falls
Jackson, T. F. (1 A-AH)	Clover
Jackson, W. F. (1 Arch)*	Rock Hill
Jacobs, J. C. (3 TM)	Greenville
Jacobs, R. D. (1 Ind Ed)	Cheraw
Jacobs, R. F. (1 E-ME)*	West Columbia
Jacques, J. R. (4 Ind Phys)	Ware Shoals
James, C. F. (1 E-EE)*	Central
James, J. H. (1 E)*	Cleveland, N. C.
James, J. J. (2 TM)	Pendleton
James, L. W. (2 A-Agron)	Anderson
James, W. L. (1 E-CE)*	Manning
Jameson, D. M. (3 Ag En)	Greenville
Jameson, L. H. (PG Pre-Med)	Abbeville
Jamison, T. W. (3 EE)	Trenton
Jarrett, F. A. (1 T-TM)	Chester
Jeffcoat, G. C. (2 ME)	Cope
Jeffcoat, G. E. (1 VAE)*	Cope
Jeffcoat, N. F. (3 VAE)	Swansea
Jefferies, R. H. (1 Pre-For)	Chapin
Jeffords, C. M. (4 ME)	Spartanburg
Jeffords, C. Q. (2 ME)	Florence
Jeffords, C. R. (1 E-ME)*	Atlanta, Ga.
Jeffords, L. G. (2 Ag En)	Timmonsville
Jeffords, T. A. (4 TC)	Orangeburg
Jeffords, W. I. (3 EE)	Florence
Jenkins, A. C. (2 Pre-For)	Clemson
Jenkins, A. J. (3 ME)	San Ramon, C. R.
Jenkins, D. M. (3 EE)	Union
Jenkins, E. M. (3 ME)	Osborn
Jenkins, H. S. (2 A-Hort)	Wadmalaw Island
Jenkins, J. E. (4 EE)	Simpsonville
Jenkins, J. S. (2 ME)	Gastonia, N. C.
Jenkins, L. M. (2 Ch En)	Kline
Jenkins, M. C. (2 A-Agron)	Allendale
Jenkins, W. H. (3 Agron)	Kline
Jenkins, W. J. (1 A-Hort)*	Osborn
Jennings, B. B. (2 EE)	Lownesville
Jennings, J. W. (1 A&S)	Anderson
Jester, A. H. (3 EE)	Greenwood
Jeter, A. P. (3 Pre-Med)	Rock Hill
Jeter, J. H. (1 Arch)	Rock Hill
Johns, E. M. (2 TM)	Spartanburg
Johns, W. R. (1 E-Ag En)*	Allendale
Johnson, A. B. (3 CE)	Spartanburg
Johnson, C. L. (2 ME)*	Sumter
Johnson, D. L. (3 VAE)	Windsor
Johnson, H. J. (1 E-EE)*	Darlington
Johnson, H. T. (1 VAE)	Inman
Johnson, J. Anderson (1 A-AH)	Rock Hill
Johnson, J. Arthur (2 TM)	Warrenville
Johnson, J. K. (2 ME)	Clinton
Johnson, J. R. (3 TM)	Greenville
Johnson, J. T. (3 Agron)	Lynchburg
Johnson, R. A. (3 ME)	Pelzer
Johnson, R. N. (1 Arch)*	Marion
Johnson, T. D. (4 EE)	Newberry
Johnson, W. B. (1 A&S)	Greenville
Johnson, W. C. (3 VAE)	Edgefield
Johnson, W. V. (1 E-ME)*	Greenville
Johnston, J. M. (3 EE)	Greenville
Johnston, L. L. (3 ME)	Graniteville
Johnston, T. E. (2 VAE)	Moncks Corner
Jolly, J. (1 E-ME)	Gaffney
Jones, A. L. (2 Ag En)	Saluda
Jones, C. E. (1 E-EE)*	Gaffney
Jones, C. L. (4 GS)	Columbia

Name and Course	Address
Jones, C. R. (G)	Ashton
Jones, D. C. (3 CE)	Barnwell
Jones, E. D. (1 Arch)	Greer
Jones, E. H. (2 Ind Ed)	Great Falls
Jones, F. K. (3 TE)	Newberry
Jones, G. L. (1 A)*	Pamplico
Jones, G. R. (1 Pre-Med)*	Buffalo
Jones, G. W. (1 E-EE)*	Bishopville
Jones, H. B. (1 E-Ag En)	Marion
Jones, H. R. (4 TE)	Gastonia, N. C.
Jones, James D. (2 TM)	Fort Mill
Jones, Joseph D. (2 ME)	Marietta
Jones, J. E. (1 E-TE)*	Belton
Jones, J. H. (2 TM)	Spartanburg
Jones, J. O. (1 E-CE)*	Greenville
Jones, M. W. (G)	Spartanburg
Jones, O. B. (2 EE)	Greenville
Jones, R. L. (2 ME)	Glenn Springs
Jones, T. O. (1 E-TE)*	Newberry
Jones, W. A. (1 E-EE)	Neeses
Jordan, A. B. (2 Ind Ed)	Bishopville
Jordan, H. R. (1 A&S)	Kirkwood, Mo.
Josey, W. E. (2 TE)	Anderson
Joyce, H. S. (1 E-EE)	Stoneville, N. C.
Joye, R. L. (3 Agron)	Lamar
Joyner, R. S. (3 VAE)	Ward
Judy, L. T. (4 Ag Ec)	Orangeburg
Judy, P. M. (3 TM)	Spartanburg
Julien, R. A. (3 A&S)	Greenwood
Justice, W. G. (1 E-ME)*	Spartanburg
Kantor, N. B. (2 Ar En & CE)	Brooklyn, N. Y.
Kay, F. F. (2 Ar En)	Spartanburg
Kay, R. W. (4 Agron)	Easley
Kearse, W. S. (1 A)	Yonges Island
Keasler, B. M. (3 Pre-Med)	Westminster
Keasler, W. B. (2 EE)*	Enoree
Keasler, W. H. (3 Pre-Med)	Westminster
Keelin, E. W. (1 A&S)*	Owensboro, Ky.
Keene, W. M. (1 Ar En)*	Spartanburg
Keeney, M. F. (3 EE)	Spartanburg
Keith, T. C. (1 E-Ag En)	Pickens
Keller, G. L. (1 E-EE)	Savannah, Ga.
Kelley, E. A. (2 Pre-Med)	Greer
Kelley, E. R. (1 Pre-Med)*	North Charleston
Kelly, B. N. (4 Agron)	Union
Kelly, D. W. (1 E-EE)*	Charleston
Kelly, J. C. (1 T-TM)	Anderson
Kelly, J. W. (1 Arch)*	Central
Kelly, Z. K. (2 TM)	Pelzer
Kelsey, W. B. (2 TC)	Chester
Kendra, F. S. (1 E-EE)*	Ford City, Pa.
Kendrick, T. B. (2 TM)	Spartanburg
Kennedy, H. R. (3 TM)	Union
Kennemore, C. M. (2 Ch En)	Easley
Kennerty, W. C. (4 Hort)	Johns Island
Kennette, W. H. (2 TM)*	Wellford
Kennick, W. H. (4 AH)	Chester
Kennington, G. P. (1 Ed)*	Pageland
Kerr, W. E. (2 Ag En)	Columbia
Key, C. H. (4 Agron)	Warrenville
Key, J. E. (1 Pre-Med)	Jackson
Kilgo, R. A. (3 Arch)	Laurens
Kimman, J. W. (3 TM)	Fredericksburg, Va.
Kinard, J. A. (2 EE)	North Charleston
Kinard, J. Q. (1 Pre-Med)*	Springfield
Kinard, R. H. (1 A)	Islandton
King, C. W. (1 E-TE)*	Swansea
King, E. L. (1 A-AH)	Chesterfield
King, H. L. (1 E-ME)	Clemson
King, I. D. (2 CE)	Gray Court
King, J. C. (1 E-TE)	McBee
King, J. H. (2 Pre-Med)	Loris
King, J. W. (2 A-Ag Ec)	Johnsonville
King, L. O. (1 Ar En)	Anderson
King, M. J. (1 E-EE)*	Belton
King, R. H. (4 TE)	Lancaster
King, T. A. (1 E-Ag En)*	Anderson
King, Wiley B. (2 A)	Bishopville
King, William B. (2 Ch En)	Atlanta, Ga.
Kinsey, L. G. (1 A-AH)*	Mount Pleasant
Kirby, D. A. (1 A)	Timmonsville
Kirby, D. H. (4 EE)	Lynchburg
Kirkpatrick, H. H. (4 A&S)	Martelle, Iowa
Kirkpatrick, J. R. (2 ME)	Blacksburg
Kirkpatrick, M. H. (3 Ag En)	Clio
Kirkwood, C. E. (S)	Clemson
Kirven, L. E. (3 Pre-Med)	Pinewood
Kitchen, A. B. (3 ME)	Augusta, Ga.
Kivett, R. G. (3 CE)	Greenville
Kizer, L. E. (1 E-ME)	Florence
Klettner, S. J. (3 Ag En)	Hartsville
Klinck, P. (4 ME)	North Augusta
Knight, E. L. (2 A-Ag Ec)	Andrews
Knight, E. R. (1 E-Ch En)*	Cheraw
Knight, L. A. (1 T-TM)	Greenville
Knight, L. L. (4 TE)	Drayton
Knight, R. H. (1 E-EE)*	Rock Hill
Knight, W. E. (1 T-TM)	Williamston
Koehler, K. B. (3 Arch)	Louisville, Ky.
Kohn, S. H. (1 Ar En)*	Charleston
Koopman, J. E. (3 TE)	Spartanburg
Lacey, J. R. (2 A-Ag Ec)	Ravenel
Lachicotte, A. H. (3 Hort)	Pawleys Island
Lachicotte, G. P. (2 A-AH)	Pawleys Island
Lachicotte, W. F. (1 A-AH)	Pawleys Island
LaFar, W. H. (2 Arch)	Charleston
La Frage, J. L. (2 VAE)	Fort Mill
Lake, W. H. (3 ME)	Walhalla
Lamar, L. H. (2 ME)	Augusta, Ga.
Lamb, B. P. (1 E-CE)	Edgefield
Lamoreux, C. O. (2 TE)*	Spartanburg
Lancaster, B. S. (2 TM)	Jonesville
Lancaster, F. L. (2 ME)	Port Royal
Lancaster, H. L. (4 ME)	Port Royal
Landgraf, L. P. (2 CE)	Panama City, Fla.
Landrith, H. F. (3 A&S)	Seneca
Landrum, J. B. (3 Arch)	Columbia
Lane, E. E. (4 VAE)	Mullins
Laney, J. W. (3 Agron)	Bennettsville
Laney, T. B. (4 Agron)	Cheraw
Lanford, R. F. (2 CE)	Woodruff
Langford, J. W. (3 A&S)	Ridgeland
Langley, E. E. (1 E-ME)*	Union
Langley, J. F. (1 Ar En)	Conway
Langston, C. E. (3 VAE)	Timmonsville
Langston, C. L. (1 E-Ag En)	Darlington
Langston, M. A. (1 E-ME)*	Timmonsville
Langston, S. C. (1 E-CE)*	Florence
Lanham, J. P. (1 A-Dairy)	Edgefield
Lark, H. J. (2 EE)	Easley
Latham, D. L. (2 TM)	Iva
Latham, W. F. (2 TM)	Iva
Lathan, C. H. (2 VAE)	Lowrys
Latto, E. S. (3 ME)	Charleston
Laughlin, G. W. (2 EE)	Florence
Law, D. E. (2 Ag En)	Darlington
Lawson, R. W. (2 TM)	Union
Lay, B. S. (1 E-CE)*	Westminster
Lay, J. F. (2 ME)	Central
Lay, J. R. (3 Ag En)	Westminster
Laycock, R. D. (4 TE)	Houston, Tex.
Leach, P. J. (2 TM)	Abbeville
League, F. M. (3 TM)	Easley
Leak, R. M. (1 Ed)*	Tampa, Fla.
Leavell, C. W. (4 Agron)	Sumter
Lee, C. R. (1 A)*	Coward
Lee, D. L. (2 ME)	Fort Mill
Lee, E. W. (1 A-Dairy)*	Landrum
Lee, H. E. (1 E-EE)	Hampton, Va.
Lee, J. A. (3 Arch)	Greenwood
Lee, J. E. (4 ME)	Greenville
Lee, J. T. (1 E-Ag En)	Hamer
Lee, W. A. (2 CE)	Elberton, Ga.
Lee, W. J. (1 T-TM)	Whitmire
Lee, W. L. (1 T-TM)*	Clio

Name and Course	Address
Lefler, A. L. (4 TC)	Converse
Legare, L. N. (1 E-EE)*	Moultrieville
LeGrand, D. C. (1 E-ME)*	Greenville
LeGrand, W. D. (3 EE)	Greenville
Leiby, R. G. (3 ME)	Sumter
Leitzel, A. A. (1 Pre-Med)*	Baltimore, Md.
Leonard, G. T. (1 A-Hort)	Asheville, N. C.
Leonard, H. B. (3 Arch)	Columbia
Lesley, J. G. (4 VAE)	Easley
Leslie, G. S. (3 CE)	Newberry
Levy, M. A. (2 Arch)	Navy Yard
Lewis, D. B. (1 A-AH)*	Mullins
Lewis, G. F. (3 A&S)	Orlando, Fla.
Lewis, J. L. (3 ME)	Loris
Lewis, J. O. (3 Chem)	Marion
Lewis, K. E. (1 A-AH)	Mullins
Lewis, L. L. (3 VAE)	Leesville
Lewis, R. D. (4 Arch)	Spartanburg
Lewis, R. S. (3 ME)	Washington, D. C.
Lewis, S. S. (1 VAE)	Leesville
Lewis, T. W. (2 Chem)	Spartanburg
Lewis, V. E. (3 Arch)	Spartanburg
Leysath, H. H. (1 A-Agron)*	North
Lide, C. B. (3 GS)	Marion
Liebenrood, G. H. (1 A-AH)*	Mount Pleasant
Ligon, H. B. (1 Pre-Med)*	Columbia, Tenn.
Liles, J. S. (3 CE)	Charlotte, N. C.
Limehouse, R. (1 A-Dairy)*	McCormick
Lindenberg, E. A. (4 Hort)	Charleston
Lindler, A. L. (3 VAE)	Chapin
Lindsay, J. N. (1 E-EE)*	Anderson
Lindsay, R. J. (1 T-TM)	Clemson
Lindsey, J. R. (4 VAE)	Omega, Ga.
Lineberger, T. E. (2 ME)	Greenville
Link, J. B. (1 E-ME)*	McCormick
Lipton, M. (4 Pre-Med)	Beaufort
Liston, J. W. (1 E-CE)	Smoaks
Little, L. W. (2 A)	Newberry
Littlejohn, H. B. (2 VAE)	Pacolet
Littlejohn, J. J. (3 Chem)	Spartanburg
Livingston, E. F. (4 TE)	Greenwood
Livingston, H. F. (4 AH)	North
Livingston, J. F. (4 TE)	Columbia
Livingston, L. S. (3 Ag En)	North
Livingston, M. W. (1 A-Agron)*	North
Livingston, O. W. (1 E-Ch En)*	Columbia
Lloyd, G. M. (2 Ch En)	Charleston
Locke, D. F. (1 E-CE)*	Spartanburg
Locke, J. D. (2 CE)	Taylors
Locke, J. W. (1 E-CE)	Spartanburg
Lockman, J. E. (3 ME)	Spartanburg
Loftis, C. E. (1 Ind Ed)	Pickens
Lofton, A. M. (2 A-Agron)	McClellanville
Lollis, H. E. (3 ME)	Taylors
Long, C. O. (2 TE)*	Newton, N. C.
Long, C. W. (2 CE)	Newberry
Long, E. J. (3 TM)	Gaffney
Long, H. E. (1 A)	Estill
Long, R. M. (2 CE)	Edgemoor
Long, R. O. (1 E-EE)	Walhalla
Long, T. J. (3 ME)	McColl
Longshore, H. F. (1 E-Ag En)*	Newberry
Looper, A. B. (1 E-ME)*	North Charleston
Loupo, M. W. (4 Ag En)	Lake View
Love, H. M. (2 Arch)	Chester
Love, R. L. (2 VAE)	Hendersonville, N. C.
Love, S. W. (1 E-ME)	Florence
Love, T. B. (3 Pre-Med)	Alcolu
Lovell, G. A. (1 T-TM)	Liberty
Lovett, W. G. (4 EE)	Orangeburg
Lowder, C. E. (4 VAE)	Turbeville
Lowder, H. B. (2 EE)*	Albemarle, N. C.
Lowe, A. H. (2 TM)	Warrenville
Lowe, J. Z. (3 EE)	Spartanburg
Lowman, R. W. (4 EE)	Denmark
Lubash, V. I. (1 E-TE)	New York, N. Y.
Lucas, J. L. (3 TM)	Lancaster
Lucius, F. C. (4 Ag En)	West Palm Beach, Fla.
Lund, C. M. (3 Ag En)	Columbia
Lund, S. (3 Agron)	Exeland, Wis.
Lunsford, P. R. (2 TM)	Charlotte, N. C.
Lupo, G. M. (2 ME)	Charlotte, N. C.
Lyles, J. F. (3 Hort)	Winnsboro
Lynch, R. B. (4 Ind Ed)	Charleston
Lynn, H. P. (2 Ag En)	Clemson
Lynn, W. W. (1 E-EE)	Filbert
Lyon, J. A. (3 VAE)	Edgefield
Lyon, M. D. (3 A&S)	Johnston
Lytle, B. E. (4 ME)	Fort Mill
Lytle, D. G. (2 EE)	New York, N. Y.
Lytle, T. E. (3 Ag Ec)	Anderson
McAbee, M. (1 E-EE)*	Chesnee
McAlister, M. F. (3 TM)	Abbeville
McBee, L. S. (2 TM)	Greenville
McBride, L. M. (2 EE)	Parkersburg, N. C.
McCall, E. G. (4 EE)	Rock Hill
McCants, R. S. (2 A-AH)*	Orangeburg
McCarey, G. H. (2 A&S)	Tallahassee, Fla.
McCaskill, M. J. (1 A-Agron)*	Bethune
McClain, J. B. (1 E-ME)	Inman
McClain, L. W. (3 TE)	Donalds
McClain, W. F. (2 ME)	Honea Path
McClellan, H. H. (1 E-ME)	Anderson
McClure, F. A. (2 EE)	Varnville
McClure, T. G. (2 TM)	Anderson
McColl, H. G. (4 AH)	Clio
McCombs, J. W. (3 EE)	Greenwood
McConnell, F. M. (2 A-Ag Ec)	Seneca
McConnell, J. E. (1 A-AH)	Seneca
McConnell, J. H. (2 Ind Ed)	Anderson
McConnell, J. T. (1 E-ME)	Abbeville
McCown, J. W. (3 Ag En)	Dalzell
McCoy, B. J. (3 CE)	Greenville
McCoy, D. W. (2 TM)	Lynchburg, Va.
McCoy, L. T. (2 Arch)*	Belton
McCoy, T. R. (1 Arch)*	Anderson
McCrary, J. O. (4 Ind Phys)	Greenville
McCrary, R. K. (1 E-ME)*	Greenville
McCravy, P. H. (2 TM)	Spartanburg
McCraw, T. F. (3 Ind Phys)	Gaffney
McCuen, G. L. (4 EE)	Ware Shoals
McCulloch, J. I. (1 E-TE)	Gaffney
McCurry, T. M. (2 Ch En)	Anderson
McDaniel, B. F. (2 ME)	Pickens
McDaniel, C. E. (1 Pre-For)	Central
McDaniel, V. G. (3 Ind Ed)	Bennettsville
McDill, M. W. (2 TM)	Chester
McDonald, G. S. (1 T-TM)*	Chester
McDonald, H. C. (1 Arch)*	Brevard, N. C.
McDowell, B. T. (2 TM)	Greenwood
McDowell, W. L. (3 A&S)	Chester
McElveen, C. D. (1 A)*	Columbia
McElveen, J. D. (1 A)*	Lake City
McElveen, J. T. (4 ME)	Columbia
McElveen, R. L. (1 E-EE)*	Hartsville
McFalls, D. L. (2 A&S)	Rutherfordton, N. C.
McGee, J. G. (1 Pre-For)*	Hartsville
McGee, J. W. (2 TM)	Clinton
McGill, J. N. (2 CE)	Anderson
McGinty, R. A. (3 ME)	Clemson
McGregor, S. E. (3 Dairy)	Lykesland
McGuire, H. N. (3 Pre-Med)	Greenwood
McGuirt, H. V. (2 TM)	Fort Mill
McIlvain, R. C. (2 TM)	Greenwood
McInnis, L. A. (4 Ag En)	Clio
McIntyre, D. C. (3 TM)	Marion
McIntyre, J. B. (1 T-TM)*	Arcadia
McKay, A. S. (2 A-Dairy)	Hendersonville, N. C.
McKay, D. B. (3 EE)	Winnsboro
McKay, W. (3 Dairy)	Hendersonville, N. C.
McKee, J. L. (2 A-AH)	Chester
McKee, L. O. (4 TE)	Woodruff

Name and Course	Address
McKenzie, G. E. (1 E-CE)*	Lake City
McKenzie, W. M. (4 EE)	Lake City
McKeown, H. A. (1 Arch)*	Chester
McKinney, D. L. (2 EE)	Spartanburg
McKinney, H. E. (3 EE)	Greenville
McKinney, R. B. (1 E-EE)	Charleston
McKinnon, C. L. (1 E-CE)	Cheraw
McLane, J. C. (4 CE)	Newberry
McLaurin, A. H. (1 A&S)	Bennettsville
McLaurin, J. F. (2 Pre-Med)	Bennettsville
McLean, J. N. (1 E-EE)*	Greenville
McLean, N. M. (1 A)*	Orangeburg
McLees, J. H. (1 Pre-Med)	Greenville
McLendon, C. R. (1 E-CE)	Columbus, Ga.
McLeod, B. E. (3 EE)	Georgetown
McLeod, G. T. (2 TM)	Greenville
McLeod, H. E. (1 E-ME)*	Rembert
McLeod, R. L. (2 Ch En)	Sumter
McLin, R. E. (1 E-Ag En)	Ridgeland
McMahan, J. D. (1 E-CE)	Columbia
McMahan, J. W. (2 TM)	Greenville
McMillan, C. M. (3 Ag En)	Mullins
McMillan, D. W. (1 E-Ag En)*	Mullins
McMillan, J. J. (1 A)*	Mullins
McMillan, J. S. (2 Ag En)	Allendale
McMillan, J. W. (1 Ar En)*	Latta
McMillan, L. L. (1 Arch)*	Spartanburg
McMillan, W. F. (1 E-Ag En)*	Spartanburg
McMullan, J. H. (3 EE)	Cornelia, Ga.
McNair, R. D. (4 AH)	Gable
McNeely, B. M. (4 ME)	Mooresville, N. C.
McPherson, A. C. (3 ME)	Dillon
McRae, C. K. (2 A)	Gresham
McRae, D. D. (3 EE)	Florence
McSwain, W. E. (2 TM)	York
McWhorter, W. W. (4 CE)	Spartanburg
MacDonald, P. F. (1 E-EE)*	Naval Base
Mace, R. G. (3 Ag En)	Gresham
Mack, J. H. (1 E-CE)	Garnett
Mack, T. E. (2 TM)	Union
Mackay, J. R. (3 ME)	Orangeburg
Macon, G. E. (1 E-EE)	Marion
Maddox, C. J. (1 Ar En)	Gaffney
Maddox, H. M. (2 A&S)	Easley
Maffett, C. W. (2 CE)	Johnston
Magruder, L. M. (3 EE)	Central Hershey, Cuba
Mahaffee, J. W. (2 A-AH)	Gaffney
Mahaffey, J. A. (3 EE)	Lancaster
Mahon, M. M. (1 E-EE)*	Gray Court
Maier, L. H. (3 A&S)	Nutley, N. J.
Major, C. A. (3 Hort)	Greenwood
Mallard, J. P. (3 CE)	Sumter
Mandanis, G. P. (3 EE)	Spartanburg
Maney, E. D. (2 EE)	West Asheville, N. C.
Mangan, D. J. (2 ME)	Springfield, Mo.
Mann, T. C. (1 Pre-Med)*	Greenville
Mappus, F. J. (1 E-ME)*	Charleston
Mappus, J. A. (1 E-EE)*	Charleston
Marks, G. M. (1 E-ME)	Greenville
Marlow, W. L. (4 Hort)	Inman
Marlowe, R. H. (1 T-TM)*	Conway
Marlowe, W. H. (1 Pre-For)*	McClellanville
Marscher, W. F. (2 EE)	Beaufort
Marshall, W. C. (1 VAE)	Heath Springs
Martin, C. H. (2 ME)	Aiken
Martin, C. R. (4 TE)	Pendleton
Martin, D. H. (2 Pre-Med)	Union
Martin, E. E. (1 A&S)	Greenwood
Martin, E. H. (2 A-AH)	Conway
Martin, E. M. (1 A)	Sumter
Martin, H. L. (1 Pre-Med)*	Gray Court
Martin, J. A. (1 Ar En)*	Rock Hill
Martin, J. C. (4 EE)	Orangeburg
Martin, J. G. (2 Ag En)	Anderson
Martin, J. H. (1 E-Ch En)*	Hartsville
Martin, R. A. (3 Pre-Med)	Fort Mill
Martin, S. J. (3 TM)	Atlanta, Ga.

Name and Course	Address
Martin, T. A. (3 CE)	Griffin, Ga.
Mason, G. E. (2 VAE)	Westminster
Mason, J. F. (3 VAE)	Westminster
Mason, R. H. (3 VAE)	Pacolet Mills
Mason, T. R. (1 T-TM)*	Westminster
Massey, T. A. (1 T-TM)	Walhalla
Massey, W. E. (3 Ar En)	Greenville
Mathews, R. D. (1 A)*	McKeesport, Pa.
Mathias, W. L. (2 TC)	Lexington
Matthews, W. D. (2 EE)	Manning
Mattison, R. T. (3 A&S)	Columbia
Mattox, W. R. (1 A&S)*	Columbia
Maxfield, B. G. (1 A-AH)*	Newport News, Va.
May, D. S. (3 EE)	Calhoun Falls
May, E. B. (3 TM)	Asheville, N. C.
May, J. D. (3 TE)	Ware Shoals
Mayfield, J. T. (1 A-Dairy)*	Calvary, Ga.
Mays, K. W. (1 E-EE)*	Columbia
Mays, W. C. (2 Arch)	Fair Play
Mayson, B. M. (3 ME)	Clemson
Meadows, H. F. (2 A-Agron)	Woodruff
Meares, J. M. (4 Arch)	Nichols
Medlin, E. W. (1 A-AH)*	Hartsville
Meeks, T. L. (4 TE)	Belton
Melchers, J. T. (2 EE)	Mount Pleasant
Melnyk, W. G. (1 Arch)	Brooklyn, N. Y.
Melton, T. C. (3 VAE)	Chesterfield
Merchant, S. A. (4 EE)	Bamberg
Merchant, V. E. (1 Pre-Med)*	Barnwell
Merck, E. W. (3 CE)	Central
Merck, W. H. (1 VAE)	Six Mile
Merritt, H. C. (1 Arch)*	Columbia
Merritt, J. W. (3 ME)	Greenville
Metcalf, J. Q. (2 EE)	Greenville
Metts, W. C. (2 VAE)*	Brookings, S. Dak.
Metz, W. W. (2 ME)	Iva
Mickle, H. L. (2 TC)	Rock Hill
Mickle, P. C. (3 TE)	Rock Hill
Miley, G. E. (1 E-CE)*	Walterboro
Millen, R. M. (4 EE)	Richburg
Miller, A. R. (2 VAE)	Lexington
Miller, C. D. (1 E-EE)*	Charleston
Miller, C. L. (1 T-TM)	Greenville
Miller, D. O. (2 EE)	Chester
Miller, F. D. (1 T-TM)*	Newberry
Miller, G. C. (4 TE)	Greenville
Miller, H. M. (3 TM)	Chester
Miller, Jack R. (2 A&S)	Georgetown
Miller, James R. (3 VAE)	Erwin, Tenn.
Miller, J. Whit (1 E-ME)	Seneca
Miller, J. William (2 TM)	Greenville
Miller, O. (4 Hort)	Wagener
Miller, T. D. (3 TM)	Chester
Miller, T. I. (1 E-CE)*	Central
Millians, F. A. (2 Pre-Med)	Charlotte, N. C.
Millsap, J. E. (2 A&S)	Gable
Mims, T. V. (2 TM)	Talladega, Ala.
Mincey, W. F. (2 VAE)	Nichols
Minor, W. L. (3 EE)	Greenwood
Minshew, C. T. (1 A&S)	Johns Island
Mitchell, A. R. (4 EE)	Mount Pleasant
Mitchell, J. B. (3 EE)	Saluda
Mitchell, J. E. (2 EE)	North Augusta
Mitchell, L. A. (2 Ch En)	Folly Beach
Mitchell, L. S. (2 CE)	Walterboro
Mitchum, B. W. (3 VAE)	Smoaks
Mixon, J. L. (1 E-CE)	Aiken
Mixon, L. C. (1 E-EE)	Aiken
Moeller, A. F. (1 E-CE)*	Moultrie, Ga.
Moisson, G. M. (3 TC)	Greenville
Moisson, W. C. (2 CE)	Greenville
Monroe, T. L. (3 EE)	Marion
Montgomery, H. R. (2 A-Agron)	Woodruff
Montgomery, J. H. (2 A-Agron)	Gable
Montgomery, R. L. (1 E-ME)	Anderson
Montgomery, R. R. (2 A-Agron)	Woodruff
Montone, N. A. (2 EE)	Westminster
Monts, D. D. (1 A)*	Millen, Ga.

Name and Course	Address
Monts, R. M. (3 ME)	Millen, Ga.
Moody, C. J. (1 E-CE)*	Greenville
Moody, G. H. (1 E-Ag En)*	Dillon
Moody, J. R. (2 A&S)	Dillon
Moon, A. B. (2 CE)	Columbus, Ga.
Mooney, C. W. (1 Arch)*	Starke, Fla.
Moore, E. T. (3 VAE)	Lake City
Moore, J. C. (2 EE)	Lancaster
Moore, J. H. (3 TM)	Spartanburg
Moore, J. R. (1 E-TE)*	Anderson
Moore, J. W. (3 EE)	Sumter
Moore, L. H. (3 Ent)	York
Moore, M. O. (1 Pre-For)*	Charleston
Moore, M. S. (1 Pre-Med)*	Charleston
Moore, R. T. (1 VAE)*	Piedmont
Moore, S. G. (1 A)*	Lake City
Moore, U. B. (2 TM)	La France
Moore, W. H. (3 A&S)	Sandy Springs
Moorer, J. M. (4 Ind Ed)	Navy Yard
Moorhead, L. J. (1 Ind Ed)*	Anderson
Moorman, W. C. (2 CE)	Florence
Morgan, A. B. (2 CE)	New Orleans, La.
Morgan, H. E. (1 E-ME)	Salisbury, N. C.
Morgan, H. L. (S)*	Clemson
Morgan, J. H. (3 A&S)	Spencer, N. C.
Morgan, L. R. (1 A)	Central
Morgan, L. V. (3 Ind Ed)	Albemarle, N. C.
Morgan, M. J. (2 A-Ag Ec)	Seneca
Morgan, R. D. (4 Agron)	Springfield
Morgan, T. W. (1 E-EE)*	Tucapau
Morrah, S. P. (1 E-TE)*	Greensboro, N. C.
Morris, C. L. (3 Ag En)	Olar
Morris, E. E. (3 A&S)	Pickens
Morris, J. C. (1 Ar En)*	Spartanburg
Morris, J. J. (1 E-ME)*	Hartsville
Morris, L. S. (3 Agron)	Olar
Morris, R. D. (4 TE)	Anderson
Morris, T. R. (4 CE)	Hickory, N. C.
Morrison, A. H. (2 TM)	Great Falls
Morrow, B. R. (1 E-TE)*	Spartanburg
Morrow, C. B. (2 EE)*	Clover
Moss, A. A. (4 CE)	Greenville
Moss, E. M. (3 Ind Ed)	Seneca
Mosteller, G. W. (2 Ind Ed)	Greer
Mosteller, J. E. (1 A)	Gaffney
Moyd, D. L. (2 CE)	Ninety Six
Moyd, P. K. (1 Pre-Med)*	Ninety Six
Mozingo, G. W. (3 TM)	Seneca
Muckenfuss, A. A. (1 E-EE)*	Florence
Mullikin, J. A. (2 EE)	Pendleton
Mullikin, L. R. (1 A-Ag Ec)*	Pendleton
Mullikin, R. A. (4 TE)	Williamston
Mullinnix, G. A. (1 E-TE)*	Greenville
Munn, N. R. (1 VAE)*	Georgetown
Murphree, J. E. (3 VAE)	West Union
Murray, D. B. (3 Ind Ed)	Chester
Murray, G. N. (2 TM)	Griffin, Ga.
Musselman, W. G. (4 ME)	Bethlehem, Pa.
Myers, J. C. (1 T-TM)	Westminster
Myers, T. N. (1 E-EE)	Rembert
Neal, J. L. (2 TC)*	Fort Mill
Neal, W. F. (2 VAE)	Grover, N. C.
Neel, H. J. (1 E)*	Owensboro, Ky.
Neeley, B. B. (2 Ar En)	Columbia
Neely, B. R. (3 EE)	Rock Hill
Neighbors, J. D .(1 A-Hort)*	Beaufort
Neister, A. F. (1 T-TM)*	Spartanburg
Nelson, P. A. (2 Pre-Med)	Fountain Inn
Nelson, R. W. (1 A-AH)*	Belton
Nesius, J. M. (4 TC)	Utica, N. Y.
Neves, J. A. (2 VAE)	Taylors
Newton, A. F. (1 Ind Ed)*	Clemson
Newton, D. (4 TE)	Bennettsville
Newton, D. T. (1 Ind Ed)	Central
Newton, J. B. (1 A-AH)*	Myrtle Beach
Newton, P. B. (1 A&S)	Dillon
Nichols, C. S. (1 E-ME)*	Newberry
Nicholson, B. R. (4 AH)	Clarksville, Ga.
Nicholson, D. H. (1 E-CE)*	Easley
Nicholson, J. R. (2 VAE)	Westminster
Nicholson, R. W. (3 Arch)	Orangeburg
Nickles, R. B. (2 CE)	Donalds
Nickles, W. A. (2 Ag En)	Hodges
Nipper, J. J. (2 TM)	Lowell, N. C.
Nix, R. E. (3 EE)	Florence
Nolte, F. E. (1 E-EE)*	Charleston
Nooe, L. A. (4 EE)	Ridgeway
Norman, A. W. (1 E-ME)*	Clemson
Norman, R. M. (1 E-ME)*	Kings Creek
Norris, F. K. (4 Ag En)	Eutawville
Norris, G. F. (2 Ind Phys)	Greer
Norris, R. E. (4 VAE)	Conway
Norris, W. M. (3 Ag En)	Vance
Norton, C. M. (4 Chem)	Estill
Norton, J. P. (2 ME)	Pickens
Norton, L. C. (1 E-Ag En)*	Dunbar
Norton, P. A. (1 E-EE)	Framingham, Mass.
Norton, R. E. (2 Ar En)	Florence
Norwood, R. E. (3 ME)	Greenwood
Nott, T. E. (2 ME)	Charlotte, N. C.
Nowell, J. G. (1 E-EE)*	Charleston
Nowell, V. H. (1 Arch)*	Savannah, Ga.
Nuttall, A. (4 TE)	Cedartown, Ga.
Oakman, L. (1 E-CE)	Spartanburg
Oates, J. E. (1 E-EE)*	Easley
O'Brien, R. E. (1 A-Agron)*	Eutawville
O'Dell, W. T. (4 Dairy)	Easley
Oliver, D. J. (1 Chem)*	North Augusta
Oliver, F. L. (1 Arch)*	Mount Pleasant
Olson, A. W. (2 Pre-Med)	De Land, Fla.
O'Neal, C. A. (1 Pre-Med)	Blenheim
O'Neal, F. G. (3 VAE)	Fairfax
O'Neal, J. S. (1 E-Ag En)*	Blenheim
Onley, W. O. (2 ME)	Columbia
Opt, R. A. (2 ME)	Anderson
Orander, A. D. (4 VAE)	Ridge Spring
Orders, J. B. (3 ME)	Greenville
Orders, W. H. (4 ME)	Greenville
O'Rourke, J. C. (3 Ar En)	Greenville
Orr, J. C. (2 ME)	Asheville, N. C.
Orr, J. W. (1 E-EE)*	Darlington
Ott, A. L. (1 Arch)*	Columbia
Ousley, W. K. (4 ME)	Spartanburg
Outz, M. (1 A)*	Fair Play
Ouzts, J. E. (3 EE)	Callison
Overman, L. A. (4 Chem)	Augusta, Ga.
Owen, B. E. (2 Ind Ed)	Orangeburg
Owen, W. B. (2 TM)	Greenville
Owens, D. (1 T-TM)	Greenville
Owens, R. S. (2 Ch En)	Clinton
Owings, W. D. (3 EE)	Greenwood
Ownby, J. C. (4 Chem)	Newport, Tenn.
Oxner, V. C. (3 TM)	Kinards
Pace, C. L. (1 T-TM)	Spartanburg
Pace, J. E. (1 T-TM)*	Spartanburg
Padgett, J. E. (1 Pre-Med)*	Ridgeland
Padgett, S. M. (4 VAE)	Ruffin
Padgett, W. M. (1 A&S)	Smoaks
Page, J. W. (1 T-TM)*	Woodruff
Page, L. C. (3 CE)	Asheville, N. C.
Paget, J. S. (3 Hort)	Greer
Painter, J. W. (1 E-ME)	Gaffney
Palmer, N. O. (2 ME)	Norris
Pardue, F. R. (2 TM)	Greenwood
Pardue, G. S. (3 ME)	Aiken
Parham, T. M. (2 A-Ag Ec)	Latta
Parish, D. R. (3 Ch En)	Dillon
Park, G. R. (2 Ag En)	Winnsboro
Park, W. J. (4 Hort)	Greenwood
Parker, C. V. (3 ME)	Central
Parker, J. H. (2 EE)	Norris
Parker, J. M. (3 Pre-Med)	Charleston
Parker, J. R. (2 Pre-For)	Anderson
Parker, W. C. (3 CE)	Hendersonville, N. C.
Parkins, J. A. (1 E-TE)*	Greenville
Parkman, H. D. (3 VAE)	Saluda

Name and Course	Address
Parnell, J. P. (1 E-EE)*	Calhoun Falls
Parr, W. W. (1 A-Dairy)	Newberry
Parrish, C. E. (4 TE)	Cedartown, Ga.
Parsons, B. W. (1 E-ME)*	Rock Hill
Parsons, M. O. (1 Pre-Med)	Hemingway
Partin, G. W. (1 E-EE)	Camden
Pate, D. D. (3 A&S)	Cassatt
Pate, H. R. (3 VAE)	Cassatt
Patrick, T. W. (4 EE)	Clemson
Patrick, W. M. (3 A&S)	Ruffin
Patten, M. I. (1 E-ME)	Pickens
Patterson, A. L. (1 E-ME)*	Spartanburg
Patterson, C. C. (1 T-TM)	Clemson
Patterson, C. W. (2 EE)	Spartanburg
Patterson, I. N. (2 A&S)	Clemson
Patterson, J. (1 Ar En)*	Spartanburg
Patterson, J. V. (2 TM)	Clemson
Patterson, M. B. (3 TM)	Laurens
Patterson, N. W. (3 Dairy)	Saluda
Patterson, W. B. (1 Arch)*	Abbeville
Patterson, W. K. (2 EE)*	Greenwood
Patton, B. C. (1 E-TE)*	Fountain Inn
Patton, F. J. (2 CE)	Pisgah Forest, N. C.
Payne, R. T. (3 EE)	Charlotte, N. C.
Paysinger, S. B. (2 Ind Ed)	Ninety Six
Peake, W. D. (2 Ar En)	Arlington, Va.
Pearce, H. C. (1 E-Ag En)	Dillon
Pearman, D. L. (1 E-EE)*	Donalds
Pearson, W. A. (2 ME)	Greenville
Pearson, W. D. (3 Ag En)	Woodruff
Peebles, D. L. (3 A&S)	Hampton, Va.
Peek, J. M. (4 CE)	Blacksburg
Peeler, J. G. (1 E-CE)*	Asheville, N. C.
Peigler, C. T. (2 E-ME)*	Greenville
Penn, S. R. (2 Arch)	Anderson
Pennell, J. E. (1 A&S)*	Anderson
Pennell, R. H. (2 CE)	Spartanburg
Pennell, T. P. (1 E-CE)*	Spartanburg
Pennington, S. D. (4 ME)	Atlanta, Ga.
Pepper, H. C. (2 A)	Easley
Perkins, D. B. (2 EE)*	Savannah, Ga.
Permenter, C. H. (1 A-Ag Ec)*	Wampee
Perrell, D. C. (3 CE)	Winston Salem, N. C.
Perrette, C. L. (1 A&S)	Tampa, Fla.
Perrin, N. M. (4 CE)	Greenville
Perry, A. T. (PG Ch En)	Ridgeland
Perry, B. J. (4 EE)	Ridgeland
Perry, F. M. (1 E-CE)*	Greenville
Perry, R. L. (G)	Columbus, Ga.
Perry, S. L. (3 Pre-Med)	Calhoun
Perry, T. E. (2 TM)	Anderson
Person, R. L. (3 EE)	Greensboro, N. C.
Peschl, A. T. (1 E-ME)	Hendersonville, N. C.
Peters, A. H. (2Ch En)	Summerville
Pettigrew, J. E. (3 Dairy)	Iva
Pettigrew, J. W. (3 VAE)	Edgefield
Pettigrew, P. (1 VAE)*	Iva
Pettigrew, R. N. (1 Arch)	Tampa, Fla.
Pettit, R. H. (3 Ind Ed)	Gaffney
Pettit, S. L. (2 CE)	Roebuck
Pfaff, A. S. (4 TE)	Avon, N. J.
Philippsthal, H. F. (1 Pre-Med)*	North Charleston
Phillips, C. C. (2 EE)	Blackville
Phillips, H. G. (1 E-TE)*	Walhalla
Phillips, J. (4 TE)	Anderson
Phillips, T. W. (1 T-TM)*	Lancaster
Phillips, W. F. G. (1 Pre-Med)*	Piedmont
Pickens, C. L. (3 TM)	Anderson
Pickens, J. P. (3 VAE)	Madison
Pierce, J. A. (1 E-TE)*	Travelers Rest
Pinckney, J. C. (3 Ag En)	Pritchardville
Pinckney, L. W. (1 VAE)*	Mount Pleasant
Pinson, C. B. (4 A&S)	Greenwood
Pinson, J. T. (2 EE)	Anderson
Pittman, E. H. (3 Ch-En)	Bishopville
Pittman, G. L. (1 E-ME)*	Myrtle Beach
Plaxico, D. L. (2 ME)	Blacksburg
Player, C. B. (3 Agron)	Bishopville
Plowden, A. D. (2 ME)*	Davidson, N. C.
Plunkett, R. W. (S)*	Clemson
Plyler, C. D. (1 E-EE)	Lancaster
Plyler, D. B. (3 AH)	Monroe, N. C.
Plyler, G. P. (4 VAE)	Columbia
Poag, W. M. (2 TM)*	Goldville
Poe, O. S. (1 E-Ag En)*	Rock Hill
Ponder, W. G. (4 Pre-Med)	Madison, Ga.
Ponder, W. R. (2 A&S)	Williston
Poole, A. C. (4 Ar En)	Enoree
Poole, J. L. (4 Arch)	Asheville, N. C.
Poole, M. V. (3 ME)	Ware Shoals
Poole, T. B. (2 TM)	Clemson
Pope, J. M. (1 E-EE)*	Navy Yard
Porter, R. B. (1 E-CE)	Winnsboro
Porter, V. C. (2 VAE)*	Tigerville
Porter, W. M. (3 ME)	Charlotte, N. C.
Poss, O. R. (1 E-ME)*	Washington, D. C.
Poston, M. L. (1 E-CE)*	Hyman
Potter, A. W. (2 CE)	Tampa, Fla.
Poulos, J. T. (2 Ar En)	Spartanburg
Powell, H. B. (3 ME)	Spartanbunrg
Powell, J. L. (3 Dairy)	Hartsville
Powell, J. T. (1 Pre-Med)*	Johnsonville
Powell, L. H. (3 EE)	Washington, D. C.
Powers, B. L. (1 T-TC)	Griffin, Ga.
Pratt, W. H. (1 T)*	Lindale, Ga.
Preacher, R. B. (1 A)*	Ridgeland
Price, C. J. (2 EE)	Ninety Six
Price, C. N. (2 VAE)	Wolfton
Price, G. R. (2 Arch)	Columbia
Price, J. T. (3 CE)	Starr
Pridgeon, H. L. (1 Ar En)*	Spartanburg
Prince, E. W. (2 VAE)	Gurley
Prince, J. H. (1 E-CE)	Abbeville
Prince, P. H. (2 A&S)	Erwin, Tenn.
Printup, W. O. (4 ME)	Baltimore, Md.
Propst, W. E. (1 T-TC)	Aiken
Prosser, B. E. (2 VAE)	Hyman
Provence, H. H. (4 A&S)	Greenville
Province, P. J. (3 Ch En)	Chattanooga, Tenn.
Pruette, R. L. (1 E-TE)	Monroe, N. C.
Pruitt, G. J. (2 TE)	Greer
Pruitt, J. M. (2 Ag En)	Anderson
Pruitt, J. R. (2 CE)	Anderson
Pruitt, R. E. (2 TE)	Pendleton
Pruitt, W. W. (4 EE)	Greenville
Puckett, L. O. (3 TM)	Charlotte, N. C.
Pulkinen, C. S. (2 A&S)	Charleston
Punaro, A. E. (4 TE)	North Augusta
Pursley, J. M. (1 T-TM)	Clover
Pursley, R. B. (4 Dairy)	Filbert
Pusser, L. W. (2 TM)	Chesterfield
Putnam, S. R. (4 Arch)	Greenville
Quarles, W. Y. (4 TE)	Abbeville
Quattlebaum, V. K. (4 Ag En)	Williston
Quinn, E. W. (1 E-Ag En)*	Spartanburg
Quinn, J. M. (2 Ind Ed)	Inman
Quinn, R. W. (4 ME)	Pacolet
Quinn, W. A. (4 TE)	Pelzer
Quinn, W. S. (4 TE)	Pelzer
Rabey, D. W. (4 ME)	Savannah, Ga.
Rabon, W. J. (1 Arch)*	Marion
Ragsdale, J. W. (2 A&S)	Blair
Ragsdale, R. E. (4 TE)	Pelzer
Raines, R. E. (1 Ind Ed)	Marion
Rainey, F. W. (1 E-TE)*	Anderson
Rainsford, T. H. (2 A-Dairy)	Edgefield
Raley, W. R. (1 E-TE)	Bennettsville
Rallings, E. M. (3 VAE)	Pageland
Ramsey, F. C. (4 TE)	Gaffney
Ramsey, H. K. (1 E-ME)	Gaffney
Ramsey, J. W. (1 T-TM)	York
Rappe, M. R. (1 E-EE)	Sumter
Rash, M. C. (3 Pre-Med)	Lockhart
Ratcliffe, L. G. (4 Pre-Med)	Charlotte, N. C.

Name and Course	Address
Rathbun, K. C. (S)*	Clemson
Ratterree, G. S. (1 E-ME)*	Rock Hill
Rauch, R. J. (3 CE)	Rock Hill
Rauton, G. W. (3 AH)	Johnston
Ravenel, J. J. (3 Pre-Med)	Charleston
Ravenel, W. F. (3 ME)	Sanford, Fla.
Rawls, C. H. (3 EE)	Rock Hill
Ray, D. M. (1 T-TM)	Fountain Inn
Ray, H. E. R. (3 TE)	Olar
Rayle, R. F. (2 Pre-Med)	Eastover
Reames, D. L. (3 Ind Ed)	Bishopville
Reames, J. G. (2 A-Agron)	Bishopville
Reaves, B. M. (2 ME)	Bishopville
Redd, C. O. (1 E-ME)	Windsor
Reed, A. J. (1 E-EE)*	Whitmire
Reese, J. E. (4 GS)	Columbia
Reich, K. F. (S)	Clemson
Reid, G. P. (3 TM)	Greenville
Reid, H. W. (1 E-ME)	Piedmont
Reid, J. R. (3 ME)	Sumter
Revis, H. G. (1 E-TE)	Greenville
Reynolds, H. G. (4 Ar En)	Columbia
Reynolds, H. M. (4 Pre-Med)	Edgefield
Reynolds, J. T. (1 A&S)	Johnstown, Pa.
Reynolds, L. D. (3 VAE)	Timmonsville
Reynolds, P. G. (1 Ar En)*	Sumter
Rhame, D. D. (1 Chem)*	Denmark
Rhame, E. H. (4 ME)	Sumter
Rheney, T. B. (2 TM)	Spartanburg
Rhodes, H. G. (4 Ag En)	Darlington
Rhyne, E. H. (3 A&S)	Clemson
Rhyne, F. L. (3 TM)	Gastonia, N. C.
Rice, A. A. (3 Ar En)	Anderson
Rice, D. D. (4 TE)	Anderson
Rice, E. C. (1 Pre-For)*	Plum Branch
Rice, J. H. (1 E-ME)	Charleston
Rice, M. A. (2 EE)*	Florence
Rice, M. D. (1 T-TM)*	Kathwood
Rice, P. R. (2 TM)	Anderson
Rice, R. J. (3 TM)	Anderson
Richardson, B. G. (2 Pre-Med)	Pomaria
Richardson, C. G. (4 ME)	Orangeburg
Richardson, F. M. (2 TM)	Greenville
Richardson, R. G. (3 EE)	Florence
Richardson, S. S. (2 CE)	Sumter
Richbourg, B. F. (3 CE)	Summerton
Richbourg, C. E. (4 ME)	Liberty
Richbourg, H. L. (2 A&S)	Dillon
Richbourg, J. A. (3 CE)	Summerton
Richbourg, J. B. (2 Pre-Med)	Union
Richbourg, T. S. (4 TE)	Dillon
Richbourg, W. W. (3 A&S)	Union
Richey, J. W. (1 E-TE)*	Ware Shoals
Rickenbaker, T. C. (3 Arch)	St. Matthews
Riddle, H. J. (2 Arch)	Charleston
Riddle, L. (2 TM)	Greenville
Riddle, R. L. (1 T-TM)*	Greenville
Ridgeway, J. L. (4 Chem)	Laurens
Ridgill, J. L. (4 CE)	Manning
Rigby, A. J. (3 ME)	Kingstree
Riley, F. D. (1 VAE)*	Saluda
Riley, F. S. (3 ME)	Hilton Village, Va.
Riley, P. E. (1 Pre-Med)	Middlesboro, Ky.
Rinehart, W. G. (2 A-AH)	Leesville
Ringer, A. W. (1 E-EE)*	Newberry
Riordan, J. E. (1 E-EE)	Walhalla
Riser, C. W. (3 Ch En)	Columbia
Riser, W. W. (2 CE)	Kinards
Risher, C. F. (1 A-Ag Ec)	Clio
Risher, E. D. (1 A)*	Ellenton
Risinger, C. O. (1 Arch)*	Batesburg
Ritter, M. W. (1 E-ME)*	Hickory, N. C.
Rivers, H. F. (4 ME)	Johns Island
Rivers, J. C. S. (2 Ind Phys)	Johns Island
Rivers, J. D. (3 CE)	Chesterfield
Rivers, J. L. (4 CE)	Johns Island
Rizer, I. N. (3 AH)	Lodge
Roberts, B. V. (1 T-TM)*	Myrtle Beach
Roberts, E. W. (1 E-TE)*	Ninety Six
Roberts, G. C. (1 E-EE)*	Miley
Roberts, W. H. (1 A-Hort)	Galivants Ferry
Roberts, W. P. (1 A-Ag Ec)	Columbia
Robertson, W. B. (2 Ch En)	Hagerstown, Md.
Robinson, A. B. (4 A&S)	Easley
Robinson, J. H. (3 EE)	Greenville
Robinson, J. M. (3 CE)	Rembert
Robinson, L. H. (2 EE)	Greenville
Robinson, R. E. (3 TM)	Greer
Robinson, W. A. (4 A&S)	Easley
Robison, C. (3 TE)	Asheville, N. C.
Robison, M. A. (2 EE)	Donalds
Rochester, D. E. (2 EE)	Walhalla
Rochester, D. P. (4 Agron)	Salem
Rochester, R. M. (3 EE)	Walhalla
Rochester, W. F. (3 EE)	Walhalla
Rodgers, C. H. (1 Chem)*	Callison
Rodgers, J. H. (3 Hort)	Charleston
Rodgers, J. S. (4 Hort)	Anderson
Rodgers, M. F. (1 Ar En)	Kingstree
Rogers, B. G. (3 Ag En)	Dillon
Rogers, C. H. (4 ME)	Hartsville
Rogers, C. R. (2 TM)	Drayton
Rogers, E. B. (4 Ag En)	Sumter
Rogers, H. C. (1 A)*	Dillon
Rogers, H. V. (4 Agron)	Cowpens
Rogers, J. C. (2 CE)	Cowpens
Rogers, J. H. (4 AH)	Hartsville
Rogers, J. R. (2 Ag En)	Piedmont
Rogers, J. W. (1 E-TE)*	Hartsville
Rogers, R. L. (1 E-EE)	Pelzer
Rogers, T. L. (1 E-Ag En)	Sumter
Rogers, W. B. (4 Chem)	Blackville
Rogge, E. C. (1 Ed)*	Summerville
Rollins, A. W. (4 TE)	Charleston
Rollins, W. (1 E-CE)*	Kershaw
Rollison, J. A. (3 CE)	Atlanta, Ga.
Ronnenberg, A. R. (1 E-ME)	Brooklyn, N. Y.
Roof, M. L. (1 T-TM)	Chester
Rose, A. M. (3 Pre-Med & Chem)	Marion
Rose, L. E. (1 E-ME)	Sardinia
Rosenkrans, D. B. (4 Agron)	Clemson
Ross, A. R. (2 ME)	Olean, N. Y.
Ross, B. B. (3 EE)	Greer
Ross, J. G. (4 EE)	Newberry
Ross, L. G. (4 Ed)	West Palm Beach, Fla.
Ross, R. D. (4 GS)	Gaffney
Rostron, J. P. (S)	Clemson
Rountree, R. C. (2 CE)	Augusta, Ga.
Rowe, O. R. (1 E)*	Charlotte, N. C.
Rowell, C. S. (2 A-Dairy)	Andrews
Royals, D. O. (2 Pre-Med)	Conway
Rudd, O. K. (4 ME)	Savannah, Ga.
Russell, J. S. (4 EE)	Washington, D. C.
Russell, R. R. (1 E-ME)	Columbia
Russell, S. T. (3 Ag En)	Jamestown
Russo, M. E. (2 CE)*	New York, N. Y.
Rutledge, W. T. (2 TM)	Greenville
Ryan, W. H. (1 E-EE)	Elizabeth, N. J.
Ryan, W. T. (2 EE)	Navy Yard
Sadler, G. D. (1 Ind Ed)	Charleston
Sadler, J. W. (2 EE)	York
Sadler, M. H. R. (3 Arch)	Rock Hill
Salisbury, E. T. (2 A-Dairy)	Summerville
Salley, G. P. (2 Pre-Med)	Salley
Salley, N. R. (2 A-Agron)	Salley
Salley, W. B. (2 A&S)	Orangeburg
Salter, H. D. (3 CE)	Greenville
Sandel, J. A. (3 CE)	Greenville
Sanders, C. W. (4 Hort)	Columbia
Sanders, D. W. (1 A&S)*	Anderson
Sanders, G. S. (2 Arch)*	Bamberg
Sanders, J. B. (4 ME)	Rock Hill
Sanders, J. W. (2 Pre-Med)	Anderson
Sanders, K. R. (2 Arch)*	Gaffney
Sanders, L. H. (2 A-Agron)	Union

Name and Course	Address
Sanders, L. W. (2 CE)	Gaffney
Sanders, R. F. (1 E-EE)*	Dalzell
Sanders, R. W. (2 Ag En)	Kline
Sanders, S. L. (2 EE)	Navy Yard
Sanders, T. C. (1 VAE)*	Yonges Island
Sargent, F. H. (2 TM)	Spartanburg
Sarratt, J. H. (1 E-Ag En)	Gaffney
Sasser, R. T. (1 E-TE)	Brunswick, Ga.
Satterfield, R. F. (1 E-EE)*	Lyman
Satterfield, T. A. (1 T-TM)	Spartanburg
Saunders, A. W. (1 A)*	Maplewood, N. J.
Saunders, C. E. (1 E-EE)	East Gastonia, N. Y.
Saunders, G. M. (1 A)*	Dalzell
Saunders, H. M. (1 E-Ag En)*	Indiantown, Fla.
Sawyer, B. G. (2 ME)	Ridge Spring
Sawyer, T. E. (1 E-Ag En)*	Marion
Sawyer, W. B. (1 T-TM)*	Johnston
Saylors, A. E. (2 TM)	Ninety Six
Scannell, W. H. (1 Chem)*	Rock Hill
Scarborough, W. L. (1 E-EE)*	Florence
Schofield, E. C. (1 Pre-Med)*	Marion
Schrader, E. D. (2 TM)	Spartanburg
Schrader, M. W. (2 ME)	Spartanburg
Schweers, H. D. (1 A&S)*	Mount Pleasant
Schwiers, A. B. (1 A)	Greenville
Schwiers, C. H. (1 A)	Greenville
Schwiers, W. (1 A-AH)*	Greenville
Scott, E. B. (4 EE)	Marion
Scott, H. M. (2 Ag En)	Aiken
Scott, J. C. (1 T-TM)	Columbia
Scott, J. H. (3 EE)	Prichard, Ala.
Scott, W. W. (3 ME)	Holly Hill
Scurry, W. H. (3 ME)	Edgefield
Seaborn, D. K. (2 TC)	Walhalla
Seaborn, G. B. (2 EE)	Central
Seaborn, G. W. (2 VAE)	Walhalla
Seabrook, E. M. (2 CE)	Mount Pleasant
Seago, B. M. (2 ME)	Vaucluse
Seaman, J. C. (4 ME)	Greenville
Sears, W. B. (2 TM)	Clemson
Sease, F. D. (1 A)	Ehrhardt
Sease, W. R. (3 VAE)	Lexington
Seay, E. P. (3 CE)	Charleston
Sedberry, B. R. (3 Arch)	Hartsville
Seddon, F. (3 Ag Ec)	Boston, Mass.
Segars, R. V. (2 Ag En)	Oswego
Seigler, E. W. (3 TM)	Greenwood
Seithel, M. B. (1 E-ME)*	Charleston
Self, R. C. (3 TM)	Greenville
Selfridge, H. R. (1 A&S)*	Lakeville, Conn.
Sellars, R. (2 EE)	Gaffney
Sellers, C. L. (2 VAE)	Mount Croghan
Sellers, J. R. (1 Arch)*	Bath
Senn, C. J. (3 Dairy)	Columbia
Senn, G. A. (2 EE)	Spartanburg
Senn, J. C. (3 EE)	Spartanburg
Settle, D. C. (3 Hort)	Inman
Setzer, J. L. (2 ME)	Canton, N. C.
Severance, C. E. (3 Ag En)	Darlington
Shadwell, H. C. (3 EE)	Columbia
Sharp, D. C. (4 Agron)	Newberry
Sharpe, J. C. (3 Ag En)	Rock Hill
Sharpe, J. D. (2 CE)	Gaston
Sharpe, M. C. (3 ME)	Abbeville
Shaw, W. L. (1 E-ME)*	Marion
Shealy, E. T. (1 E-ME)*	Newberry
Shealy, H. L. (2 A&S)	Batesburg
Shealy, J. P. (2 Ind Phys)	Orangeburg
Shealy, L. H. (4 CE)	Batesburg
Shealy, P. S. (3 A&S)	Batesburg
Shealy, W. L. (2 A-AH)	Gilbert
Shearin, A. M. (1 E-EE)*	Darlington
Shelley, E. H. (1 A)	Nichols
Shelley, J. C. (4 Pre-Med)	Nichols
Shelley, L. B. (2 A)	Mullins
Shelor, D. R. (3 ME)	Greenville
Shelton, G. L. (1 E-EE)*	Greenville
Shelton, J. M. (2 Arch)	Taylors
Sherard, J. W. (2 EE)	Calhoun Falls
Sherer, L. D. (4 CE)	Greenville
Sheridan, W. M. (3 EE)	Spartanburg
Sheriff, B. C. (1 VAE)	Martin, Ga.
Sherwood, E. C. (2 Pre-Med)	Dillon
Shields, T. W. (1 VAE)	Hendersonville, N. C.
Shillinglaw, J. R. (3 Ag Ec)	Sharon
Shipman, B. C. (1 E-EE)	Augusta, Ga.
Shirer, J. H. (4 Ag En)	Elloree
Shirley, D. C. (1 E-EE)*	Orangeburg
Shirley, J. L. (3 Pre-Med)	Sandy Springs
Shiver, E. C. (1 E-Ch En)*	Spartanburg
Shockley, J. A. (1 E-ME)*	Falls Church, Va.
Shook, F. D. (2 TM)	Spartanburg
Shoolbred, A. W. (3 CE)	Columbia
Shuler, J. B. (4 A&S)	McClellanville
Shuler, J. O. (2 A-AH)	Holly Hill
Shuler, O. D. (1 E-CE)	Bowman
Shuman, C. M. (4 Dairy)	Furman
Sibley, A. B. (1 A)*	Greenville
Sibley, M. E. (4 TE)	Milledgeville, Ga.
Sibley, W. H. (1 A)*	Greenville
Sightler, C. W. (2 TM)*	Greenville
Sikes, B. R. (2 ME)	Spartanburg
Simonds, J. D. (3 ME)	Orlando, Fla.
Simons, G. R. (1 A&S)*	Charleston
Simpson, C. S. (1 Chem)*	Fort Bragg, N. C.
Simpson, D. E. (2 ME)	South Charleston, W. Va.
Simpson, D. M. (1 T-TC)*	Knoxville, Tenn.
Simpson, D. N. (3 CE)	Anderson
Simpson, H. A. (1 Arch)*	Gray Court
Simpson, H. E. (4 ME)	Greenville
Simpson, J. A. (1 A-Dairy)	Richburg
Simpson, J. I. (2 Ar En)	Piedmont
Simpson, J. J. (3 A&S)	Anderson
Simpson, J. M. (1 A)	Iva
Simpson, M. W. (3 ME)	Williamston
Simpson, R. M. (2 ME)	Columbia
Simpson, R. R. (1 E-TE)*	Westminster
Simpson, V. B. (2 CE)	Clinton
Sims, D. E. (2 A-Agron)	Lynchburg
Sims, J. L. (1 A)*	Orangeburg
Sims, R. M. (1 A)*	Spartanburg
Singleton, J. J. (3 VAE)	Westminster
Singleton, W. C. (2 CE)	Pickens
Siokos, G. Z. (4 EE)	Columbia
Sipple, J. H. (3 EE)	Columbia
Sisk, C. E. (1 Pre-Med)	Walhalla
Sistare, A. C. (1 E-CE)*	Lancaster
Sistrunk, R. W. (3 TM)	Decatur, Ga.
Sites, N. R. (3 AH)	White Rock
Sizemore, J. A. (3 Arch)	Dillon
Skelton, C. (2 TM)	Anderson
Skelton, R. R. (1 E-EE)	Atlanta, Ga.
Skerratt, J. D. (1 E-TE)*	Cranford, N. J.
Skinner, C. F. (2 EE)	Woodruff
Skinner, C. R. (4 Agron)	Mayesville
Skinner, P. B. (3 ME)	Ware Shoals
Skornschek, T. E. (1 E-CE)*	Tampa, Fla.
Sloan, C. M. (1 E-ME)*	Inman
Sloan, J. W. (1 T-TM)	Clemson
Sloan, P. H. (3 A&S)	Walhalla
Sloan, W. A. (2 Arch)	Anderson
Smartt, W. H. (2 CE)	McMinnville, Tenn.
Smiley, R. L. (1 A)*	Cades
Smith, B. M. (2 TM)	Columbia
Smith, C. F. (1 E-ME)	North Charleston
Smith, C. H. (2 A-AH)	Spartanburg
Smith, C. R. (PG Ch En)	Rock Hill
Smith, C. W. (2 ME)	Greenville
Smith, D. D. (2 ME)	Atlanta, Ga.
Smith, E. A. (2 ME)	Spartanburg
Smith, E. J. (2 TM)	Buffalo
Smith, H. (2 Pre-Med)	Easley

Name and Course	Address
Smith, H. A. (3 Hort)*	Greenville
Smith, H. K. (2 ME)	Spartanburg
Smith, H. L. (1 E-TE)*	Conover, N. C.
Smith, H. M. (3 Chem)	Rock Hill
Smith, I. (3 VAE)	Pickens
Smith, James A. (3 AH)	Mullins
Smith, John A. (4 ME)	Santurce, P. R.
Smith, J. Bailey (2 ME)	Rock Hill
Smith, J. Booth (4 Pre-Med)	Charleston
Smith, J. Brooks (1 T-TC)*	Florence
Smith, J. D. (3 EE)	Union
Smith, J. E. (1 E-Ch En)*	Spartanburg
Smith, J. G. (2 A-AH)	Orangeburg
Smith, J. H. (2 A)	Aynor
Smith, J. O. (3 CE)	Elberton, Ga.
Smith, J. W. (2 A-Ent)	Lancaster
Smith, K. (2 EE)*	Duncan
Smith, K. B. (2 EE)*	Savannah, Ga.
Smith, K. Y. (2 Arch)	Liberty
Smith, L. B. (3 Agron)	Mullins
Smith, L. P. (1 A&S)*	Anderson
Smith, L. S. (3 TM)	Greenville
Smith, M. B. (4 Dairy)	Spartanburg
Smith, M. C. (3 VAE)	East Point, Ga.
Smith, M. H. (4 TE)	Great Falls
Smith, N. V. (4 TE)	Greer
Smith, O. L. (2 CE)	Anderson
Smith, Ray C. (1 A-Ag Ec)	Bishopville
Smith, Robert C. (4 TE)	Spartanburg
Smith, R. D. (2 ME)	Belton
Smith, Robert E. (1 E-ME)	Seneca
Smith, Roy E. (3 ME)	Greenville
Smith, R. G. (2 TE)	Greenville
Smith, R. H. (1 A&S)*	Columbia
Smith, R. M. (1 Ar En)*	Greenville
Smith, R. R. (3 Pre-Med)	Charleston
Smith, St. Clair (2 EE)	Florence
Smith, St. Clare B. (2 TM)	Spartanburg
Smith, S. W. (1 E-TE)	Greenville
Smith, W. W. (1 A-AH)	Bowman
Smithwick, M. A. (3 A&S)	Chester
Smithwick, W. A. (3 Dairy)	Chester
Snelgrove, V. O. (4 VAE)	Gilbert
Snell, A. W. (3 Ag En)	Elloree
Snipes, H. L. (3 VAE)	Marion
Snipes, J. R. (3 TM)	Greenwood
Snipes, J. W. (3 EE)	Marion
Snipes, W. A. (1 E-ME)*	Marion
Snoddy, S. T. (2 Arch)	Rockingham, N. C.
Sofge, J. F. (1 E-ME)	Graniteville
Sosa, D. (4 ME)	Clemson
Sowell, M. B. (1 VAE)	Elloree
Sowell, T. F. (3 Ag En)	Chesterfield
Sox, H. W. (1 T-TM)*	West Columbia
Sparks, E. G. (2 TM)	Gaffney
Sperry, C. B. (2 TM)	Spartanburg
Sperry, C. J. (4 EE)	Spartanburg
Spiner, D. R. (4 Chem)	Tampa, Fla.
Spivey, E. P. (4 Hort)	Loris
Springs, C. E. (2 Ag En)	Loris
Sprouse, E. B. (1 E-TE)*	Travelers Rest
Squires, J. T. (1 E-Ag En)*	Latta
Stabler, E. F. (2 EE)	North
Stackhouse, T. F. (4 EE)	Florence
Stacy, J. K. (3 Arch)	Savannah, Ga.
Stallworth, W. H. (2 TM)	Spartanburg
Stalvey, A. D. (2 Pre-Med)	Georgetown
Stalvey, C. B. (1 E-TE)*	Conway
Stamey, J. M. (2 EE)	Hartwell, Ga.
Stanley, F. B. (2 Pre-For)	Marion
Stanley, J. A. (3 ME)	Sumter
Stanley, L. M. (2 Ind Ed)	Conway
Stanley, T. E. (1 Arch)*	Hampton
Stanton, H. E. (1 T-TM)*	Cheraw
Starkey, W. D. (1 A&S)*	Clemson
Starnes, W. H. (2 A-AH)	Salley
Steedly, W. M. (1 A)	Bamberg
Stegall, W. C. (4 ME)	Walhalla
Stehmeyer, E. H. (3 EE)	Charleston
Stephens, J. H. (1 T-TM)*	Greenville
Stephens, W. K. (4 CE)	Canton, N. C
Stephens, W. M. (3 ME)	Abbeville
Stevens, H. E. (1 A-Ag Ec)*	Conway
Stevens, J. E. (3 TE)	Spartanburg
Stevens, J. P. (3 VAE)	Conway
Stevens, J. T. (3 EE)	Washington, D. C.
Stevenson, J. A. (2 ME)	Sumter
Stewart, C. D. (2 TM)	Clemson
Stewart, J. E. (1 E-CE)	Clemson
Stewart, J. M. (1 E-ME)*	Rock Hill
Stewart, J. R. (2 EE)	Clemson
Stewart, T. D. (3 Ar En)	Greenville
Stewart, W. K. (3 ME)	Savannah, Ga.
Stidham, R. M. (2 CE)	Lakeland, Fla.
Still, C. N. (3 Chem)	Greenwood
Stokes, A. T. (1 E-EE)*	Greer
Stokes, D. K. (4 VAE)	Camden
Stone, C. B. (1 T-TM)	Williamston
Stone, C. E. (3 EE)	Columbia
Stone, J. D. (2 TM)	Rock Hill
Stone, R. E. (4 VAE)	Pamplico
Storey, M. B. (1 E-EE)	Eastover
Stovall, J. H. (1 E-CE)*	Charleston
Stover, F. R. (1 E-Ag En)	Kershaw
Stover, L. M. (1 E-Ag En)	Kershaw
Stowe, W. E. (4 ME)	Rock Hill
Stradley, C. D. (3 TM)	Greenville
Strange, R. H. (4 ME)	Sumter
Stribling, C. V. (2 A&S)	Seneca
Stribling, H. L. (1 E-EE)	Charleston
Stribling, W. R. (1 A&S)	Pelzer
Strickland, G. M. (1 E-Ch En)*	Concord, Ga.
Strom, J. G. (2 TM)	McCormick
Stroman, J. L. (2 TM)	Orangeburg
Stroud, D. D. (2 ME)	Lyman
Stroud, H. D. (1 E-EE)	Richland
Stroud, W. G. (1 Pre-Med)*	Edgemoor
Strug, J. P. (1 E-EE)	Union
Stuck, K. E. (2 A-Ag Ec)	Pomaria
Stuck, W. M. (4 Agron)	Pomaria
Stuckey, G. (2 A-AH)	Bishopville
Stukes, O. L. (2 Pre-Med)	Manning
Sturgis, W. I. (4 Ag En)	Rock Hill
Sublette, R. A. (3 TE)	Westminster
Suddeth, J. A. (4 Ind Phys)	Clinton
Suggs, A. M. (4 ME)	Clover
Suggs, F. D. (2 EE)	Anderson
Sullivan, M. W. (3 Agron)	Laurens
Sullivan, S. B. (2 A&S)	Anderson
Sultis, J. E. (4 CE)	Beaumont, Tex.
Summer, F. J. (1 E-ME)*	Newberry
Summer, O. R. (4 CE)	Newberry
Summey, J. C. (1 T-TM)	Clemson
Sumner, A. M. (1 E-Ag En)*	Hartsville
Sutton, B. K. (2 TM)	Greenville
Swearingen, W. R. (3 A&S)	Greenwood
Sweeny, H. C. (3 ME)	Anderson
Swett, F. L. (1 A-Agron)*	Greenville
Swittenberg, R. L. (1 A&S)*	Anderson
Swygert, H. B. (2 ME)	Greenville
Swygert, L. S. (2 A-AH)	Waterloo
Taber, W. R. (2 EE)	Greenville
Talbert, W. C. (3 A&S)	Columbia
Tankersley, C. E. (1 E)*	Augusta, Ga.
Tanner, J. P. (1 A-AH)*	Hemingway
Tarleton, H. H. (3 Arch)	Union
Tarver, W. B. (2 Arch)	Savannah, Ga.
Tate, E. G. (4 AH)	Taylors
Taylor, A. P. (2 EE)	Charleston
Taylor, B. E. (2 TM)	Greer
Taylor, C. C. (1 A&S)	Greenville
Taylor, C. E. (1 Ar En)	Lexington
Taylor, E. G. (1 E-EE)	Columbia
Taylor, F. C. (2 TM)	Lancaster
Taylor, G. H. (3 Hort)	Gilbert

Name and Course	Address
Taylor, H. D. (3 Hort)	Greenville
Taylor, K. Z. (1 E-EE)*	Walhalla
Taylor, R. E. (4 TC)	Newberry
Taylor, R. N. (3 ME)	Spartanburg
Taylor, R. P. (2 CE)	Greenville
Taylor, W. F. (2 Chem)	Charleston
Taylor, W. M. (3 EE)	Anderson
Teal, C. E. (1 A-Agron)*	Cheraw
Tecklenburg, H. (3 A&S)	Charleston
Tedder, J. B. (1 E-EE)	Cherryville, N. C.
Terry, A. M. (1 E-EE)	Iva
Tewkesbury, A. M. (3 CE)	Aiken
Tewkesbury, P. (3 Ind Ed)	Aiken
Thayer, W. B. (1 E-CE)*	Spartanburg
Thieker, F. H. (3 EE)	Georgetown
Thiele, H. J. (3 EE)	Charleston
Thies, K. E. (4 TE)	Charlotte, N. C.
Thomas, C. A. (1 A-Ent)*	Longs
Thomas, C. H. (1 E-Ag En)	Holly Hill
Thomas, H. E. (1 E-Ag En)*	Piedmont
Thomas, J. L. (2 Ar En)	Dillon
Thomas, R. R. (1 A)*	Cope
Thomas, R. T. (3 Arch)	Houston, Tex.
Thomas, W. F. (2 TM)	Calhoun Falls
Thomas, W. H. (3 A&S)	Greenville
Thomason, H. E. (4 EE)	Greenville
Thomason, J. M. (2 CE)	Toccoa, Ga.
Thompson, A. L. (2 EE)	Anderson
Thompson, C. A. (2 CE)	Georgetown
Thompson, C. C. (4 ME)	Columbia
Thompson, G. A. (2 ME)	Sumter
Thompson, G. C. (4 EE)	East Falls Church, Va.
Thompson, G. N. (1 T-TM)	Langley
Thompson, H. E. (3 TM)	Honea Path
Thompson, H. H. (1 E-EE)*	North Augusta
Thompson, H. T. (3 EE)	Columbia
Thompson, J. C. (1 T-TM)	Honea Path
Thompson, J. D. (3 EE)	Greenville
Thompson, James W. (1 E-ME)*	Columbia
Thompson, John W. (4 Arch)	Williston
Thompson, L. W. (4 TE)	Spartanburg
Thompson, N. S. (1 E-ME)	Greenville
Thompson, O. N. (3 CE)	Columbia
Thompson, W. C. (1 T-TM)*	Greenwood
Thorne, W. C. (2 EE)	Sumter
Thornhill, T. E. (4 EE)	Charleston
Thornhill, V. N. (4 ME)	Charleston
Thornton, E. C. (3 TC)	Spartanburg
Thrailkill, J. C. (4 Pre-Med)	Saluda
Thrailkill, W. E. (4 EE)	Saluda
Thruston, G. M. (1 T-TM)*	Greenville
Till, C. E. (2 VAE)	Ruffin
Till, H. G. (1 E-EE)*	Orangeburg
Tiller, H. W. (3 Agron)	Mayesville
Tiller, J. W. (1 Pre-Med)*	Mayesville
Timmerman, D. S. (2 EE)	Augusta, Ga.
Timmerman, G. R. (1 E-ME)	Charleston
Timmons, C. M. (4 EE)	Greenville
Timmons, J. K. (3 CE)	Piedmont
Timms, S. M. (2 TE)	Anderson
Tinsley, J. A. (1 Ind Ed)	Fort Mill
Tisdale, W. M. (2 ME)	Sumter
Tison, J. A. (1 E-TE)*	Bennettsville
Tobin, H. M. (2 CE)	North Charleston
Todd, B. (4 VAE)	Loris
Todd, J. N. (2 EE)	Washington, D. C.
Todd, L. O. (4 ME)	Fairfax
Todd, R. B. (2 VAE)	Loris
Todd, R. M. (2 TM)	Anderson
Toland, J. I. (1 E-Ag En)*	Columbia
Tolbert, J. A. (3 ME)	Greenville
Tollison, R. E. (1 VAE)*	Belton
Tomlinson, S. O. (4 VAE)	Olanta
Tommie, W. J. (1 Pre-Med)*	Mountville
Tompkins, P. P. (1 E-ME)*	Summerville
Toney, C. C. (2 TM)	Richland
Townes, J. H. (2 Arch)	Pickens
Townsend, J. C. (1 E)*	Orlando, Fla.
Townsend, L. M. (2 CE)	Pisgah Forest, N. C.
Townsend, R. E. (3 TM)	Laurens
Trakas, P. N. (3 EE)	Spartanburg
Traylor, M. H. (4 CE)	Ridgeway
Traylor, W. R. (3 Ent)	Ridgeway
Treadway, R. R. (2 ME)	Buffalo
Trescot, J. H. (4 ME)	Columbia
Triplett, F. A. (4 CE)	Chester
Triplett, J. T. (2 CE)	Chester
Tripp, P. D. (1 E-CE)*	Greenville
Tripp, W. W. (1 E-Ag En)*	Easley
Trott, C. M. (4 CE)	Charleston
Trotti, L. H. (4 Ag Ec)	Chesterfield
Trowell, L. M. (2 A-Ag Ec)	Lena
Trueblood, L. C. (3 TM)	Asheville, N. C.
Truesdale, G. G. (2 VAE)	Spencer, N. C.
Truett, R. C. (4 VAE)	Timmonsville
Truluck, T. D. (1 Pre-Med)*	Union
Trumpore, A. S. (4 EE)	Beaufort
Turnage, L. W. (2 ME)	Hartsville
Turner, A. N. (1 Pre-Med)	Reidsville, N. C.
Turner, E. C. (4 Ent)	Clemson
Turner, H. C. (1 E-EE)*	Greenville
Turner, J. H. (1 Ar En)*	Spartanburg
Turner, J. T. (2 EE)	Winnsboro
Turner, J. W. (3 ME)	Albany, Ga.
Turner, M. J. (1 E-EE)	Gaffney
Turner, R. R. (2 A&S)	Mission, Tex.
Turner, S. T. (3 EE)	Taylors
Turner, T. H. (1 E-CE)*	Greenville
Turner, T. J. (S)*	Clemson
Turner, T. P. (1 E-EE)	Gaffney
Turner, W. B. (2 Ind Ed)	Blacksburg
Turner, W. W. (2 Ag En)	Travelers Rest
Tuten, C. R. (1 Pre-For)	Ridgeland
Tuttle, E. G. (2 TM)	Great Falls
Tuttle, J. E. (S)*	Clemson
Twiggs, H. C. (4 Chem)	Saluda, N. C.
Tyler, H. H. (2 TC)	Aiken
Tyson, S. E. (3 Ag En)	Strother
Uldrick, G. E. (3 TM)	Donalds
Uldrick, J. P. (1 E-CE)	Donalds
Uldrick, R. C. (3 Ag En)	Donalds
Ullnick, B. (2 TM)	Paterson, N. J.
Ulmer, C. O. (3 CE)	Elloree
Ulmer, C. R. (1 T-TM)	Greenville
Ulmer, F. S. (1 E-EE)*	Brunson
Ulmer, H. E. (2 Chem)	Hartsville
Ulmer, J. S. (1 A-Agron)*	North
Valerius, H. R. (4 TE)	University City, Mo.
Valley, C. J. (4 Pre-Med)	Pickens
Vansant, F. B. (1 E-EE)	Leesville
Varn, C. F. (4 ME)	Charleston
Varn, H. W. (2 CE)	Walterboro
Varnadore, W. E. (1 VAE)*	Westminster
Vassey, W. R. (1 A&S)	Marietta
Vaughan, C. C. (4 Ag En)	Jonesville
Vaughan, J. M. (1 E-ME)	Union
Vaughan, O. H. (1 E-ME)	Seneca
Vaughn, C. D. (1 E-TE)*	Miami, Fla.
Vaughn, E. Milton (3 EE)	Greenwood
Vaughn, E. Monroe (1 E-CE)*	Seneca
Vaughn, E. Murry (1 A)*	Belton
Vaughn, W. D. (1 Ar En)	Union
Veal, C. D. (2 ME)	Cedartown, Ga.
Vermillion, R. J. (2 VAE)	Ware Shoals
Vick, W. T. (1 E-EE)	Lancaster
Vincent, W. S. (4 TE)	Spartanburg
von Glahn, E. H. (1 Arch)	Charleston
Von Harten, C. H. (1 E-ME)*	Beaufort
Vuksta, C. (1 E-EE)*	Hellertown, Pa.
Waddell, R. B. (3 Ch En)	Charlotte, N. C.
Wagner, N. P. (2 ME)	Newark, N. J.
Wald, E. C. (3 TM)	Seneca
Walden, C. M. (2 EE)	Landrum

Name and Course	Address
Walden, R. (2 TM)*	Fairforest
Walker, A. W. (1 Ed)*	McDonough, Ga.
Walker, C. T. (2 Pre-Med)	Summerton
Walker, H. E. (4 Pre-Med)	Anderson
Walker, H. O. (1 Arch)	Union
Walker, H. P. (2 Pre-Med)	Fort Mill
Walker, J. H. (4 TE)	Griffin, Ga.
Walker, J. T. (2 VAE)	Manning
Walker, W. S. (1 A)	Blackville
Wall, G. A. (1 E-CE)	Chester
Wall, M. H. (1 T-TM)*	Lyman
Wallace, A. R. (1 A&S)	Greenville
Wallace, J. R. (4 CE)	Central
Wallace, J. W. (2 A&S)	Central
Wallace, O. L. (3 AH)	Dillon
Wallace, W. H. (1 T-TM)	Greenville
Walls, W. A. (1 E)*	Laurens
Walpole, J. L. (2 CE)	Frogmore
Walser, J. F. (2 TE)	Salisbury, N. C.
Walsh, J. E. (1 Ed)*	Washington, D. C.
Walters, W. C. (4 Ind Ed)	Lancaster
Walton, G. T. (2 EE)	Belton
Walton, W. L. (2 ME)	Ellenton
Waltz, M. R. (1 E-EE)*	Barnwell
Wannamaker, W. F. (3 ME)	Columbia
Ward, A. G. (3 TM)	Greenville
Ward, N. J. (1 E-EE)*	Andrews
Ward, T. (1 Arch)*	McClellanville
Ward, W. A. (3 CE)	Darlington
Ward, W. B. (3 Pre-Med)	Rock Hill
Ware, A. L. (1 E-EE)*	Greenville
Ware, G. D. (2 ME)	Iva
Ware, W. T. (2 CE)	Iva
Warner, C. H. (2 Ag En)	Wagener
Warner, C. K. (2 Ar En)*	Louisville, Ky.
Warner, R. E. (2 A-AH)	Florence
Warren, T. A. (1 A-AH)	Prosperity
Warrick, A. E. (2 TM)	Old Hickory, Tenn.
Warrington, H. I. (4 ME)	Moorestown, N. J.
Washington, E. J. (1 A&S)*	Pelzer
Waters, W. T. (4 TE)	Camden
Watkins, F. M. (1 E-EE)	Greenville
Watkins, J. M. (S)	Clemson
Watkins, L. (1 VAE)*	Hartsville
Watkins, W. E. (2 CE)	Greenville
Watson, A. I. (2 EE)	Greenville
Watson, A. W. (1 E-CE)	Easley
Watson, C. K. (3 Dairy)	Anderson
Watson, C. V. (4 EE)	Spartanburg
Watson, H. J. (1 E-EE)	Anderson
Watson, J. C. (1 E-ME)	Anderson
Watson, M. C. (2 Pre-Med)	Ridge Spring
Watson, R. O. (3 Pre-Med)	Blaney
Watts, A. J. (3 ME)	Mayesville
Way, R. E. (2 ME)	Branchville
Wayne, H. S. (3 EE)	Charleston
Weatherly, J. H. (2 Pre-For)	McColl
Weaver, C. (4 A&S)	Timmonsville
Weaver, G. E. (1 E)*	Darlington
Webb, C. (3 CE)	Beaufort
Webb, E. W. (1 E)*	Marion
Webb, F. L. (PG AH)	Beaufort
Webb, J. E. (4 CE)	Saluda
Webb, R. L. (4 CE)	Virginia Beach, Va.
Webster, J. O. (4 Ag En)	Loris
Webster, J. W. (4 TE)	Greenville
Webster, R. E. (1 Pre-Med)*	Moncks Corner
Weeks, C. J. (3 Ind Ed)	North Augusta
Weeks, J. J. (1 E-ME)*	Charlotte, N. C.
Weeks, T. J. (3 ME)	Charleston
Weimortz, E. D. (4 Agron)	Williston
Weinberg, M. M. (2 A&S)	Sumter
Weinheimer, C. A. (2 ME)	Charleston
Weir, F. J. (3 TM)	Newberry
Weisner, L. E. (3 EE)	Laurens
Welborn, D. T. (2 A-AH)	Chester
Welch, J. H. (4 EE)	Savannah, Ga.
Welch, W. L. (2 ME)	Georgetown
Weldon, R. D. (1 E-CE)	Charleston
Wells, J. D. (1 E-EE)	Sumter
Wells, R. E. (1 A-Agron)	Manning
Welter, J. F. (1 A)*	Greenville
Werner, W. J. (1 E-ME)*	Ware Shoals
West, A. E. (3 ME)	Greenville
West, C. E. (1 T-TM)*	Spartanburg
West, H. S. (2 TM)	Union
West, J. R. (3 AH)	Spartanburg
West, R. K. (2 Pre-Med)	Cameron
West, W. E. (3 ME)	Greenville
West, W. F. (3 EE)	Spartanburg
Westbrook, R. A. (2 Ch En)*	Blacksburg
Westbury, H. M. (1 Pre-For)*	McColl
Westervelt, J. I. (4 ME)	Greenville
Westmoreland, R. N. (2 TC)	Winston Salem, N. C.
Westmoreland, R. W. (2 ME)*	Greenville
Westmoreland, W. A. (2 VAE)	Clover
Whaley, J. S. (4 Hort)	Wadmalaw Island
Whall, R. F. (4 Ch-En)	San Juan, P. R.
Wham, R. D. (2 A)	Mountville
Wheatley, L. M. (1 A&S)*	Kathwood
Wheeler, W. W. (1 A-Ag Ec)	Oswego
Whetstone, W. V. (1 T-TM)*	Denmark
Whitaker, R. L. (2 TE)	Union
White, A. C. (1 A)*	Clearwater, Fla.
White, H. M. (3 Ag En)	Charlotte, N. C.
White, J. B. (1 T-TM)	Abbeville
White, J. L. (3 Agron)	McCormick
White, L. W. (2 Ed)	Easley
White, M. W. (2 ME)	Charlotte, N. C.
White, P. J. (2 TM)	Greenville
White, R. M. (3 ME)	Sumter
White, R. W. (4 EE)	Greenwood
White, T. E. (2 Chem)	Anderson
White, W. C. (2 A)	Timmonsville
White, W. P. (1 E-EE)	Greenville
Whitesides, R. J. (1 E-ME)*	Smyrna
Whitfield, N. C. (1 E-ME)*	Townville
Whitlaw, J. L. (2 EE)	North Augusta
Whitmire, H. B. (4 TE)	Westminster
Whitmire, J. B. (2 VAE)	Griffin, Ga.
Whittaker, W. E. (3 ME)	Anderson
Wiggins, R. F. (3 A&S)	Mullins
Wigington, J. T. (4 TE)	Clemson
Wilbanks, A. T. (3 TM)	Laurens
Wilburn, G. C. (4 EE)	Tillman
Wilburn, S. W. (1 Pre-Med)*	Tillman
Wilk, J. P. (3 Arch)	East Port Chester, Conn.
Wilkerson, F. M. (3 A&S)	Hickory Grove
Wilkerson, J. S. (1 Ind Phys)	Hickory Grove
Wilkerson, R. E. (1 VAE)*	Hickory Grove
Wilkes, L. H. (3 Ag En)	Winnsboro
Wilkins, J. B. (3 Ag En)	Gaffney
Wilkins, R. I. (3 Arch)	Florence
Wilkins, W. M. (4 A&S)	Spartanburg
Willey, R. B. (4 TE)	Greenville
Williams, B. B. (3 TE)	Bath
Williams, C. E. (4 CE)	Rock Hill
Williams, Carroll F. (1 E-ME)*	Landrum
Williams, Clarence F. (2 EE)	Orangeburg
Williams, C. L. (4 Chem)	Baltimore, Md.
Williams, D. D. (3 ME)	Georgetown
Williams, F. A. (1 A-Ag Ec)*	Swansea
Williams, H. H. (3 TM)	Orangeburg
Williams, J. E. (3 Arch)	Spartanburg
Williams, J. F. (2 A-Agron)	Dacusville
Williams, J. S. (2 TM)	Anderson
Williams, L. P. (3 EE)	North Augusta
Williams, R. N. (2 TM)	Spartanburg
Williams, R. R. (3 VAE)	Swansea
Williams, V. K. (1 A)*	Swansea
Williams, W. C. (2 ME)	Central
Williamson, D. M. (1 E-ME)	Navy Yard

Name and Course	Address
Williamson, H. K. (2 A&S)	Lancaster
Williamson, J. G. (1 E-EE)*	Timmonsville
Williamson, K. R. (1 E-TE)*	Cades
Williamson, M. E. (3 Agron)	Donalds
Williamson, M. L. (1 T-TM)	Whitmire
Willis, A. E. (2 Ed)	Chicopee, Ga.
Willis, R. R. (1 E-CE)*	Gaffney
Wilson, C. M. (1 T-TM)	Greenville
Wilson, C. T. (2 A&S)	Allendale
Wilson, C. W. (2 Ag En)	Landrum
Wilson, D. N. (1 E-CE)	Greenville
Wilson, E. L. (1 T-TM)*	Springfield
Wilson, F. O. (1 T-TC)*	Lyman
Wilson, H. G. (4 Agron)	Wellford
Wilson, J. (3 TC)	Anderson
Wilson, J. C. (1 E-EE)	Greenville
Wilson, J. F. (1 E-ME)*	Newberry
Wilson, J. H. (1 T)*	Blacksburg
Wilson, J. K. (2 A&S)	Wellford
Wilson, J. R. (1 E-TE)	Lockhart
Wilson, M. C. (2 CE)	Darlington
Wilson, R. P. (4 TE)	Chesterfield
Wilson, T. D. (1 E-ME)*	Cades
Wilson, W. F. (3 ME)	Greensboro, N. C.
Wilson, W. L. (2 TM)	Williamston
Wimberly, D. R. (1 E)*	St. George
Winburn, J. D. (4 VAE)	Hartsville
Winburn, W. C. (1 VAE)	Hartsville
Windsor, W. D. (1 T-TM)	Pell City, Ala.
Wingard, H. C. (2 ME)	Lexington
Wingo, B. W. (1 E-ME)*	Spartanburg
Wise, J. F. (3 AH)	McCormick
Wise, K. C. (2 TM)	Prosperity
Wise, L. M. (3 TM)	Greenville
Witherspoon, S. M. (3 Pre-Med)	Marion
Withington, C. C. (4 TE)	Greenville
Withington, J. M. (2 TC)	Greenville
Witt, D. H. (1 E-EE)*	Swansea
Wolfe, J. D. (1 E-EE)	Rock Hill
Wolfe, T. M. (2 ME)	Orangeburg
Wolkowinsky, L. R. (2 TM)	Long Island, N. Y.
Womack, G. T. (3 Chem)	Cheraw
Womack, T. P. (1 Pre-For)*	Cheraw
Wood, A. L. (2 EE)	Newberry
Wood, A. W. (3 Ar En)	Greenville
Wood, J. C. (3 ME)	Chester
Wood, L. A. (2 TM)	Ware Shoals
Wood, M. M. (3 CE)	Greer
Wood, W. A. (3 A&S)	Greenwood
Wood, W. H. (3 ME)	Gray Court
Woodcock, F. E. (2 A-Ag Ec)	Pelzer
Woodfin, H. Z. (4 AH)	Inman
Woodfin, J. W. (1 E-Ag En)*	Inman
Woodham, B. G. (2 Arch)	Nashville, Tenn.
Woodle, H. A. (1 E-Ch En)*	Clemson
Woods, S. G. (1 A)*	Greenville
Woodside, H. F. (2 EE)	Florence
Woodson, W. W. (4 Ag En)	Central
Woodward, W. (1 Arch)*	Greenville
Workman, R. R. (3 Arch)	Charlotte, N. C.
Worley, S. (2 A-Agron)	Windsor
Worthy, H. R. (2 ME)	Lockhart
Wright, G. C. (3 EE)	Seneca
Wright, S. P. (4 VAE)	Bishopville
Wright, T. W. (1 A)*	Branchville
Wyatt, O. A. (1 Arch)*	Greenville
Wyly, J. C. (2 TM)	Anderson
Wyndham, E. G. (2 VAE)	Moncks Corner
Wyndham, S. F. (1 A-AH)	Moncks Corner
Wyse, J. A. (2 EE)	Spartanburg
Yarborough, F. A. (4 Agron)	Lamar
Yarborough, F. K. (2 ME)	Morresboro, N. C.
Yarbrough, D. R. (2 TM)	York
Yarbrough, L. L. (4 EE)	Greenville
Yarid, J. R. (2 EE)	Seneca
Yates, A. L. (1 T-TM)	Sumter
Yeargin, G. A. (2 Arch)	Anderson
Yeargin, R. H. (3 CE)	Gray Court
Yobs, R. L. (3 TM)	Columbia
Yonce, J. E. (4 AH)	Johnston
Young, E. R. (2 TM)	Honea Path
Young, G. W. (1 A&S)*	Greenville
Young, J. N. (4 Ag Ec)	Florence
Young, S. P. (2 Ag En)	Dalzell
Zeigler, J. T. (3 CE)	Cope
Zinker, W. H. (1 A-AH)*	Rock Hill
Zouras, P. S. (1 E-EE)*	Greenwood
Zuver, M. P. (4 VAE)	Clemson

†*SUPPLEMENTARY LIST OF STUDENTS, SECOND SEMESTER,* 1947-1948

Name and Course	Address
Adams, L. G. (3 Ind Phys)	Seneca
Adams, W. L. (1 T-TM)*	Kershaw
Aiken, E. (1 E-ME)*	Greenville
Alexander, B. M. (1 T-TM)	Lyman
Alexander, M. W. (1 E-EE)*	Westminster
Allen, H. W. (1 A&S)*	Clio
Allen, James L. (1 E-Ag En)*	Clio
Allen, L. D. (2 EE)*	Savannah, Ga.
Allen, W. W. (1 A-Agron)	Spartanburg
Anderson, J. R. (2 TM)*	Elmhurst, Ill.
Arnold, J. R. (1 A&S)*	Atlanta, Ga.
Asbury, R. R. (1 E-TE)*	Taylors
Ashley, R. H. (1 VAE)	Iva
Auld, I. D. (1 VAE)*	Mount Pleasant
Austin, W. F. (2 A&S)	Seneca
Bailey, C. K. (1 E-TE)	Lockhart
Bailey, W. P. (3 Pre-Med)	Greenwood
Baker, J. L. (1 T-TM)*	Bath
Baker, M. H. (2 A-AH)	Mullins
Baker, P. E. (PG TM)*	Whitmire
Baldwin, C. M. (1 E-CE)	Georgetown
Barnes, D. E. (2 EE)*	Brevard, N. C.
Barnett, W. C. N. (1 VAE)	Greer
Batson, H. G. (1 T-TM)*	Laurens
Beard, J. H. (2 EE)*	Anderson
Beaty, J. K. (1 A-Agron)*	Florence
Becker, C. L. (S)*	Clemson
Bell, H. V. (1 Ar En)*	Knoxville, Tenn.
Bell, R. S. (1 A)*	Jefferson
Bell, W. E. (1 Pre-For)*	Greenville
Bettencourt, J. P. (1 A&S)*	New Bedford, Mass.
Black, R. G. (3 CE)	Rock Hill
Blackford, G. W. (2 TM)*	Spartanburg
Bland, J. P. (2 A&S)	Johnston
Bogan, G. B. (1 T-TM)*	Spartanburg
Bolick, B. L. (1 E-CE)*	Brookford, N. C.
Bolt, R. S. (1 E-ME)*	Gray Court
Bomar, L. J. (1 T-TM)*	Spartanburg
Boshears, J. F. (1 E-CE)*	Tiptonville, Tenn.
Bowen, R. A. (1 E-TE)*	Greenville
Bower, H. W. (1 E-ME)*	Amsterdam, N. Y.
Boykin, T. O. (2 Ind Ed)	Camden
Bradham, F. L. (1 A-Agron)*	Sumter
Brasington, W. H. (1 E-ME)*	Columbia
Brenner, W. R. (2 Ar En)*	Jamaica, N. Y.
Bretstein, D. (1 T-TM)*	New York, N. Y.
Bridges, T. L. (1 E-TE)*	Anderson
Brinson, A. D. (2 Ind Phys)*	Wilmington, N. C.
Britton, R. R. (1 Ind Ed)*	Chester
Brock, O. D. (1 T-TM)*	Whitmire
Brogdon, J. T. (1 E-Ag En)*	Manning
Brooks, J. T. (1 Arch)*	Fountain Inn
Brothers, B. R. (1 A&S)	Greenville
Brown, C. G. (3 Dairy)	Anderson
Brown, E. G. (2 EE)	Iva
Brown, George W. (2 A&S)	Darlington
Brown, J. R. (1 E-TE)*	Union
Brown, Walter L. (1 A-AH)*	Greenville
Brunson, R. F. (1 E-CE)*	Ridgeland
Bryant, H. O. (1 E-EE)*	Liberty
Bryson, J. W. (1 E-EE)*	Lyman
Buchanan, J. W. (1 E-TE)*	Newberry
Burdette, F. D. (1 E-ME)*	Simpsonville
Burnett, W. E. (2 CE)	Greelyville
Bush, C. T. (3 ME)	Rock Hill
Bussey, J. C. (1 E-EE)*	Hagood
Calvert, J. H. (1 T-TM)*	Spartanburg
Campbell, Wallace L. (1 T-TM)*	Edgefield
Carlton, C. M. (1 E-ME)*	Anderson
Carr, W. B. (1 E-ME)*	Laurens
Carraway, A. J. (4 EE)	Timmonsville
Carroll, C. W. (4 EE)	Navy Yard
Carson, J. D. (2 TM)	Anderson
Carter, E. W. (1 E-ME)*	Columbia
Carter, G. R. (1 E-TE)*	Anderson
Carver, A. B. (2 EE)	Union
Case, G. F. (1 T-TM)*	Cateechee
Castles, R. L. (1 E-ME)*	Winnsboro
Castles, T. P. (1 A)	Great Falls
Chalker, D. F. (3 CE)	South Orange, N. J.
Chalmers, L. V. (2 TM)	Greenwood
Chappell, H. W. (3 EE)	Cartersville, Ga.
Chastain, J. D. (2 VAE)	Taylors
Cheezem, C. K. (4 CE)	Andrews
Churchill, J. D. (1 E-EE)*	Charleston
Clayton, L. A. (2 TM)	Greer
Cochran, W. T. (2 TE)	Greenville
Coleman, A. J. (4 CE)	Saluda
Collier, E. P. (1 VAE)*	Harleyville
Collins, M. A. (1 Ind Ed)*	Walhalla
Compton, C. J. (1 E-ME)*	Hartsville
Conyers, J. W. (1 T-TM)*	Kershaw
Cooper, R. P. (2 VAE)	Andrews
Cornwell, J. C. (2 Pre-Med)	Leeds
Cornwell, M. M. (2 ME)	Fort Myers, Fla.
Couch, J. H. (S)	Clemson
Cox, G. H. (2 EE)	Easley
Cox, R. E. (1 A)*	Yonges Island
Crane, W. T. (2 EE)*	Savannah, Ga.
Crenshaw, P. W. (1 E-CE)*	Westminster
Crocker, J. L. (2 A-AH)*	Union
Cross, J. A. (1 E-EE)*	Cross
Crump, E. L. (1 E-ME)*	Newberry
Culbreath, R. A. (1 E-TE)*	Plum Branch
Cumalander, C. S. (1 E-Ag En)*	Little Mountain
Cureton, F. M. (2 TM)*	Union
Cureton, J. C. (1 T-TM)	Clemson
Dalton, A. A. (3 ME)	Seneca
Danner, B. C. (1 E-ME)*	Jonesville
Davenport, J. A. (1 E-Ag En)*	Germantown, Tenn.
Davis, G. L. (1 E-TE)*	Waban, Mass.
Davis, H. C. (1 E-EE)*	Camden
Davis, J. E. (1 T-TM)*	Seneca
Davis, O. L. (1 E-TE)*	Lockhart
Deason, F. P. (1 T-TM)	McCormick
Deese, L. M. (1 T-TM)*	Chester
DeLoach, G. E. (2 ME)	Beaufort
DeLoach, R. L. (3 ME)	Beaufort
Dewberry, W. E. (1 T-TM)	Elberton, Ga.
Dey, W. H. (1 E-EE)*	Jacksonville, Fla.
Dixon, G. B. (2 ME)	Greenville
Dodgen, W. D. (1 T-TM)*	York
Doffort, J. H. (1 E-EE)*	Washington, D. C.
Donelon, J. M. (S)*	Clemson
Driggers, A. N. (1 VAE)*	Walterboro
Dugger, P. E. (2 Arch)	Columbia
Duke, L. M. (1 E-EE)	McClellanville
Dukes, H. L. (1 E-TE)*	Newberry
Dukes, W. F. (3 Pre-Med)	Branchville
Duncan, B. A. (2 TM)	Six Mile
Duncan, W. F. (1 Arch)*	Greer
Dunn, J. H. (1 E-TE)*	North Augusta
Durden, G. C. (2 EE)*	Augusta, Ga.
Duvall, R. W. (1 Chem)*	Cheraw
Early, J. D. (1 A-Ent)*	Florence
Eason, H. L. (1 A-AH)*	Sumter
Easterby, H. A. (1 E-EE)*	Charleston
Edwards, A. Y. (1 T-TM)*	Seneca

Name and Course	Address
Ellis, C. J. (1 E-ME)*	Mullins
Ellis, D. H. (1 E-EE)*	Spartanburg
Ellis, W. J. (1 Pre-Med)*	Greenwood
Ellis, W. R. (2 EE)*	Anderson
Erskine, M. L. (1 VAE)*	Anderson
Estes, A. C. (1 E-CE)	Winnsboro
Estes, B. G. (1 T-TC)*	Ware Shoals
Evans, D. E. (1 Pre-Med)	Dillon
Evans, E. L. (1 A)*	Pamplico
Evans, J. R. (3 ME)	Anderson
Ezell, B. B. (PG Arch)*	Spartanburg
Faulkner, H. G. (1 A)*	Clover
Fleming, C. L. (1 T-TM)*	Abbeville
Foster, Harold B. (1 A-Hort)	Chesnee
Foster, W. H. (1 E-CE)*	Pacolet
Foster, W. R. (3 Ar En)	Greenville
Freeland, M. C. (1 Pre-For)	Plum Branch
Freeman, E. W. (4 VAE)	Greenville
Fulmer, J. S. (1 T-TC)*	Greenville
Gailey, C. W. (1 E-ME)	Anderson
Gale, A. D. (1 E-CE)*	Brunswick, Ga.
Gambrell, H. M. (2 Ag En)	Owings
Garrard, J. E. (1 Arch)*	Chattanooga, Tenn.
Garrett, J. P. (3 A&S)	Greenville
Garrett, R. H. (1 A&S)	Greenville
Geiger, F. B. (1 Ind Phys)*	Jacksonville Beach, Fla.
Genet, G. T. P. (2 TM)	Georgetown
Gentry, T. H. (2 VAE)	Summerton
Ghant, W. B. (1 Pre-Med)*	Lancaster
Giddings, M. E. (2 CE)*	Greenwood
Gilroy, P. W. (3 Pre-Med)	Greenville
Ginn, J. W. (2 A-AH)*	Charleston
Godfrey, C. H. (2 ME)	Florence
Goodman, Jack S. (2 EE)	Clemson
Goodman, J. W. (3 Ag En)	Mountville
Gordon, J. W. (3 EE)	Willard, Ohio
Graham, A. T. (1 E-CE)*	Scranton
Grant, J. H. (1 E-CE)*	Easley
Gray, C. J. (1 E-Ch En)*	Anderson
Green, L. L. (1 Pre-Med)*	Moncks Corner
Greene, E. L. (1 Ar En)*	Taylors
Greer, J. M. (1 A)*	Westminster
Gregory, J. T. (3 A&S)	Union
Griffin, J. A. (1 T-TC)*	Fort Mill
Grubbs, R. J. (1 E-CE)*	Westminster
Haddon, H. A. (1 E-TE)*	Rock Hill
Hadsell, W. V. (3 CE)*	Savannah, Ga.
Hagan, L. D. (1 T-TM)	Greenwood
Hair, W. W. (1 VAE)*	Canadys
Hall, E. F. (1 E-ME)*	Anderson
Hall, J. M. (1 A-Agron)*	Camden
Hall, S. E. (2 EE)*	Turtletown, Tenn.
Hallman, C. A. (1 E-TE)*	Springfield
Hamilton, J. E. (1 E-CE)	Graniteville
Hamilton, W. R. (1 E-CE)*	Durham, N. C.
Hampton, L. W. (1 T-TC)*	Spartanburg
Hamrick, S. L. (2 TE)*	Wattsville
Hancock, Harold (1 VAE)*	Ruby
Hancock, Harris (1 VAE)*	Ruby
Hardwick, J. H. (2 A)	Conway
Harrill, B. H. (3 ME)	Bennettsville
Harris, J. C. (1 E-TE)*	Florence
Harris, J. E. (1 E-TE)*	Greenwood
Harris, W. A. (1 VAE)	Westminster
Hart, R. M. (2 ME)*	Tournapull, Ga.
Hartsell, C. K. (1 T-TM)*	Abbeville
Hayes, W. H. (1 A-Dairy)*	Harris, N. C.
Head, C. M. (3 CE)	Greenville
Hendley, D. L. (1 T-TM)	Greenville
Henry, J. A. (1 A-Dairy)*	Gaston
Herndon, H. L. (2 A-AH)	Ehrhardt
Herring, J. W. (1 A&S)*	Spartanburg
Hilla, E. A. (1 Arch)*	Newark, N. J.
Hinson, J. C. (1 E-ME)*	Columbia
Hinson, J. F. (1 E-ME)*	Lynchburg
Hoffmann, F. C. (1 T-TM)*	New York, N. Y.
Hogan, C. S. (2 EE)	North Augusta
Holder, R. (2 A-Hort)*	Union
Holley, E. E. (1 A-AH)	Aiken
Hopkins, A. R. (2 A-Ent)	Pendleton
Houston, W. M. (2 CE)*	Easley
Howard, H. E. (1 E-ME)*	Charleston
Howell, N. A. (3 TE)	College Park, Ga.
Hudson, H. A. (1 VAE)	Walhalla
Hughes, F. E. (2 TM)	Charlotte, N. C.
Hughes, R. A. (1 E-EE)*	Hartsville
Hunter, J. W. (1 A-AH)*	Liberty
Hutson, G. L. (1 A&S)*	Orangeburg
Hyder, J. D. (1 T-TM)	Anderson
Isaacs, O. F. (1 Ind Ed)*	Chester
Isenhour, G. R. (1 T-TM)*	Hickory, N. C.
Ix, J. A. (2 TM)	Charlottesville, Va.
Jackson, W. M. (1 Ar En)*	Washington, D. C.
Jeffords, T. H. (1 A-Agron)*	Florence
Johnson, J. E. (2 ME)*	Reidsville, N. C.
Jones, Clarence L. (1 T-TM)*	Ridgeway
Jones, D. M. (1 A-Agron)*	Glenn Springs
Jones, P. H. (1 A-Agron)*	Mullins
Jones, R. W. (2 Ar En)	Spartanburg
Keil, J. E. (3 Pre-Med)	Charleston
Kelly, A. B. (1 VAE)	Johnsonville
Kelly, C. R. (3 Arch)	Charleston
Kennette, G. L. (1 T-TM)	Wellford
Killingsworth, A. B. (2 EE)*	Aiken
Kinney, M. E. (1 T-TM)*	Valley Stream, N. Y.
Kirven, J. B. (1 E-CE)	Darlington
Klinck, D. C. (1 E-ME)*	North Augusta
Krauss, G. A. (1 Pre-For)*	Brunswick, Ga.
Langston, T. E. (1 T-TM)*	Arden, N. C.
Laughlin, R. C. (2 TM)	Florence
Lawrence, H. E. (2 TC)	Inman
Lawrimore, I. B. (1 Pre-For)*	Hemingway
LeFevre, L. B. (4 EE)	Augusta, Ga.
Lemmon, J. M. (1 E-Ag En)	Winnsboro
Leopard, E. M. (2 ME)	Woodruff
Lesley, J. B. (2 Pre-Med)	Easley
Leslie, W. H. (1 T-TM)	Easley
Levenson, B. (3 ME)*	Brooklyn, N. Y.
Lever, M. D. (2 A-AH)	McConnellsville
Lever, N. D. (1 E-EE)*	West Columbia
Lewis, W. B. (S)*	Clemson
Lewis, W. H. (2 EE)	Pickens
Link, R. S. (1 E-CE)*	Laurens
Lockman, W. D. (2 ME)*	Chesnee
Long, D. E. (1 A-Poul)*	Sterling, Ill.
Long, J. T. (S)	Clemson
Lumley, H. (3 TE)	Greenwool
Lyons, J. J. (1 T-TM)	Anderson
Lyons, J. L. (2 TM)	Ridgeland
McAfee, W. A. (2 ME)	York
McCall, B. G. (2 Pre-Med)*	Ellerbe, N. C.
McCall, H. E. (1 A)*	Hendersonville, N. C.
McCann, J. C. (2 ME)*	Decatur, Miss.
McClamroch, W. C. (2 Arch)*	Pascagoula, Miss
McConnell, H. E. (1 E-EE)	Piedmont
McDonald, H. M. (1 A-Agron)*	Hartsville
McElveen, J. V. (S)	Clemson
McGill, H. T. (PG Ch En)	Kingstree
McGraw, H. E. (2 EE)*	Independence, Ky.
McKay, R. (1 E-EE)*	Washington, D. C.
McKenzie, O. K. (1 VAE)*	Mullins
McKinnell, R. E. (1 E)*	Florence
McKinney, R. Briscoe (1 T-TM)*	Pickens

Name and Course	Address
McLain, J. R. (3 VAE)	Patrick
McLane, S. F. (1 E-ME)	Gaffney
McMillan, H. C. (2 Ar En)	Spartanburg
McMillan, W. J. (1 E-Ag En)*	Allendale
McMinn, J. D. (2 TE)*	Spartanburg
McNair, S. M. (1 E-Ag En)*	Hartsville
McRae, W. E. (2 EE)	Bennettsville
McSwiney, T. L. (1 E-ME)*	Jacksonville, Fla.
Machen, R. H. (2 TM)	Greenville
Mack, W. C. (1 E-ME)*	Garnett
Mackenzie, M. B. (3 Arch)	Charleston
Magill, H. F. (1 E-EE)*	Concord, N. C.
Manuel, J. H. (2 A-Hort)*	Cayce
Marett, J. D. (1 VAE)	Greenville
Martin, C. B. (2 TM)	Greenville
Martin, C. W. (1 E-EE)*	Belton
Martin, H. C. (2 EE)*	Anderson
Maruffi, P. N. (1 E-TE)*	New York, N. Y.
Massee, R. D. (1 A-Hort)*	Tiger, Ga.
Masters, W. H. (1 T-TM)*	Easley
Matthews, J. (1 A)*	Scranton
Mayson, J. M. (1 A-Hort)	McCormick
Medford, D. E. (1 T-TM)*	Walhalla
Meek, M. W. (1 T-TM)*	York
Meiburg, A. L. (S)	Clemson
Meredith, J. R. (1 VAE)*	Townville
Meyer, G. M. (1 E-EE)*	Charleston
Michael, M. G. (1 T-TC)*	Linwood, N. C.
Milam, J. O. (1 T-TM)*	Laurens
Miller, D. C. (2 Ind Ed)	Summerville
Mintz, W. H. (2 Ch En)*	Blacksburg
Mitchell, W. B. (2 A&S)	Charlotte, N. C.
Mixon, J. A. (1 A-Agron)	Clemson
Mixon, W. T. (1 E-EE)*	West Columbia
Moody, R. J. (1 E-ME)*	Greenville
Mooneyhan, J. L. (1 E-TE)*	West Columbia
Moore, H. E. (1 E-CE)	Effingham
Morgan, H. D. (2 A-Ag Ec)	Seneca
Morris, A. R. (2 Ag En)	Olar
Morton, E. F. (1 E-CE)*	Great Falls
Moses, H. A. (4 EE)	Sumter
Mull, M. D. (1 A-Hort)*	Anderson
Mullinax, R. P. (1 E-CE)*	Greenville
Murphy, E. J. (1 E-ME)*	Augusta, Ga.
Nelson, C. H. (2 ME)*	Westminster
Nickles, H. C. (3 ME)	Donalds
Norton, P. F. (1 E-ME)*	McColl
Novit, B. J. (2 EE)	Charleston
Nuckols, J. N. (1 T-TM)*	Westminster
Oakley, J. W. (1 E-EE)*	Anderson
O'Connell, D. B. (2 TM)*	Clearbrook, Va.
Owen, R. R. (1 Ed)	Naval Base
Padgett, M. D. (1 E-EE)*	Edgefield
Parker, C. Y. (2 Arch)*	Cruger, Miss.
Parker, H. M. (3 CE)	Sumter
Parnell, D. E. (2 Ch En)*	Anderson
Parnell, J. S. (1 T-TC)*	Ware Shoals
Parrott, C. J. (2 TM)	York
Patton, R. E. (1 T-TM)*	Fountain Inn
Pavia, J. F. (1 E-EE)*	New Brunswick, N. J.
Peake, A. G. (1 E-CE)*	Columbia
Peay, W. A. (2 VAE)*	Pageland
Pellett, A. B. (2 CE)*	Greenville
Pendley, G. C. (1 E-TE)*	Calhoun, Ga.
Perry, W. J. (1 Arch)	Timmonsville
Pickens, W. P. (2 Pre-Med)	Easley
Pittman, J. F. (1 T-TM)*	Seneca
Pittman, R. E. (2 A-AH)*	Dillon
Pitts, C. T. (1 E-TE)*	Clinton
Pitts, P. M. (1 E-TE)*	Clinton
Platt, E. K. (1 T-TM)*	Valley Stream, N. Y.
Porcher, F. P. (4 EE)	Charleston
Poston, R. L. (1 A)*	Hyman
Poston, W. C. (1 A)*	Hyman
Powell, W. W. (1 E-TE)*	Williamston
Power, S. C. (1 E-CE)*	Laurens
Prehoda, F. J. (1 E-ME)*	Georgetown
Pressley, S. R. (1 A&S)*	Chester
Price, J. L. (2 A)*	Gaffney
Price, M. E. (1 E-TE)*	Ninety Six
Prince, W. R. (1 A-AH)*	Iva
Quarles, R. R. (1 T-TM)	Abbeville
Raines, H. M. (1 A)*	Mountain Rest
Raines, R. M. (1 Arch)*	Savannah, Ga.
Rampey, W. W. (1 E-ME)*	Easley
Randall, W. B. (2 EE)	Spartanburg
Ray, S. B. (2 TE)	Williston
Reed, B. D. (1 E-Ag En)*	North
Reeder, W. T. (2 EE)*	Laurens
Reeves, A. N. (1 A&S)*	Ravenels
Register, H. I. (1 E-CE)*	Darlington
Rentz, G. H. (1 A)*	Williamston
Rentz, W. H. (1 VAE)*	Walterboro
Rhodes, R. H. (1 A-Poul)*	Effingham
Richardson, B. C. (1 A&S)*	Jonesville
Richbourg, M. N. (1 Pre-Med)	Orangeburg
Ridenhour, G. C. (2 TM)	Greenville
Ridgeway, G. H. (1 A)*	Greenville
Riggins, W. R. (1 E-EE)*	Easley
Roach, W. R. (1 E-TE)*	Greenville
Robinette, J. B. (1 E-ME)	Pacolet
Rochester, J. R. (1 E-EE)	Greenville
Rogan, T. S. (1 A-Agron)*	Greelyville
Rogers, W. K. (1 E-TE)*	Walhalla
Roper, D. P. (2 TM)	Spartanburg
Ross, J. W. (2 A-Hort)	Greer
Ross, P. B. (4 EE)	Sumter
Ross, R. H. (1 E-TE)*	Prosperity
Rowland, C. B. (1 T-TM)*	Greenville
Rozier, C. M. (2 VAE)*	Lake View
Rushton, H. G. (2 E-CE)	Greenville
Saline, M. H. (2 Arch)*	Charlotte, N. C.
Sample, M. B. (3 Ch En)*	Greenwood
Sanders, C. B. (1 E-EE)	Anderson
Sanderson, J. L. (1 A-AH)*	Dillon
Sapp, D. C. (1 A)*	Monroe, N. C.
Schroder, W. J. (1 E-TE)*	West Union
Scoggins, J. R. (4 Ind Ed)	Smyrna
Scott, James H. (1 E-EE)*	Honea Path
Shaw, R. E. (1 T-TM)*	Seneca
Shealy, E. E. (1 VAE)	Gilbert
Shealy, E. L. (1 Ar En)	Columbia
Shealy, R. N. (1 T-TM)	Columbia
Sheely, J. E. (1 T-TM)	Little Mountain
Shepard, J. R. (3 Arch)	Washington, D. C.
Sherard, S. W. (2 Ag En)	Abbeville
Shields, J. M. (1 Ar En)*	Nashville, Tenn.
Shirley, J. H. (1 E-EE)*	Gaffney
Shiver, J. M. (1 E-EE)*	Rembert
Shorter, W. S. (2 Arch)*	Manning
Shugart, W. H. (1 A)	Sumter
Shuler, N. E. (2 Ag En)*	Rembert
Sibley, W. B. (1 E-TE)*	Aiken
Sidebotham, F. L. (1 T-TM)*	Philadelphia, Pa.
Simpson, E. P. (4 EE)	Greenville
Simpson, F. H. (2 TM)	Clinton
Slaten, H. W. (1 E-ME)*	Williamston
Smarr, A. W. (2 Ind Ed)	Hickory Grove
Smith, A. M. (1 A-Dairy)	Anderson
Smith, C. B. (2 Arch)	Gaffney
Smith, H. C. (3 EE)	Spartanburg
Smith, H. E. (2 TM)	Dover, N. C.
Smith, J. Barber (1 A-Ent)*	Florence
Smith, J. Donald (1 E-ME)	Walhalla
Smith, R. Earl (1 T-TM)*	Mullins

Name and Course	Address
Smith, S. H. (1 E-ME)*	Allendale
Snyder, P. (1 E-CE)*	Spruce Pine, N. C.
Sojourner, D. C. (3 ME)	St. George
Sowell, J. B. (2 ME)*	Asheville, N. C.
Spake, C. J. (1 E-EE)*	Pacolet Mills
Spearman, J. E. (3 TC)	Chattanooga, Tenn.
Stanaland, W. A. (1 E-Ag En)*	Ash, N. C.
Standrod, S. E. (1 E-ME)*	Georgetown
Stanley, W. J. (1 E-TE)*	Lancaster
Stewart, C. B. (3 ME)	Chevy Chase, Md.
Stewart, R. R. (1 Arch)*	Gastonia, N. C.
Stockman, B. R. (1 T-TM)*	Prosperity
Stoddard, L. C. (1 VAE)*	Fountain Inn
Stone, H. N. (1 Arch)*	St. Matthews
Stoudenmire, S. W. (2 VAE)	Lonestar
Stuckey, J. F. (2 EE)*	Hartsville
Swan, R. S. (1 E-ME)*	Greenville
Talbert, J. E. (1 T-TM)*	Washington, D. C.
Taylor, E. L. (1 E-ME)*	Lexington
Taylor, R. F. (2 VAE)	Gilbert
Taylor, W. H. (2 TM)	Newnan, Ga.
Temple, W. W. (1 T-TM)	Level Land
Thomas, J. H. (1 E-CE)*	Trion, Ga.
Thompson, J. R. (1 T-TM)*	Washington, D. C.
Thompson, W. F. (4 GS)	Marion
Thomson, J. W. (3 Ag Ec)	Seneca
Tinsley, E. S. (1 E-TE)*	Hodges
Trotter, M. (1 Pre-Med)*	Greenville
Turner, H. E. (2 Ar En)*	Greenville
Varner, J. F. (1 T-TM)*	Ashland, Ga.
Varner, J. R. (1 T-TM)*	Buffalo
Vause, R. Z. (S)*	Clemson
Vehorn, B. L. (2 ME)*	Boston, Mass.
Verdin, C. E. (1 E-EE)*	Greenville
Viard, E. G. (1 E)*	Naval Base
Vick, R. H. (1 Pre-For)*	Charleston
Walker, W. R. (2 Ed)	Fort Mill
Walters, D. M. (1 E-CE)*	Salisbury, N. C.
Ware, M. T. (1 E-EE)*	Iva
Waters, J. D. (2 TM)	Johnston
Watson, W. E. (2 A)	Anderson
Watts, A. H. (1 E-ME)*	Greenville
Webb, F. T. (1 A&S)	Union
Weed, H. F. (3 Hort)	Irmo
Weeks, P. H. (1 E-CE)*	Aiken
Wells, E. R. (1 T-TM)*	Gaffney
Wendell, H. P. (1 T-TM)*	New York, N. Y.
Wessinger, H. O. (1 A)*	West Columbia
Wessinger, J. E. (3 A&S)	Leesville
Westbury, J. A. (1 E-Ch En)*	Georgetown
Whitaker, H. H. (3 Dairy)	Clinton
White, L. G. (2 EE)*	Gaffney
White, Wilson C. (4 AH)	Chester
Whitehead, C. J. (1 E-TE)*	Greenville
Whitesides, H. S. (1 E-EE)*	Chester
Whitesides, W. L. (4 TE)	Smyrna
Whitmire, R. J. (1 A&S)*	Asheville, N. C.
Whitmire, T. E. (2 Ar En)*	Asheville, N. C.
Whitten, W. A. (1 A&S)*	Anderson
Wilbanks, J. T. (1 T-TM)	Clemson
Willard, C. D. (3 ME)	Whitmire
Williams, C. D. (1 E-TE)*	Lancaster
Williams, J. W. (2 ME)	Spartanburg
Willimon, C. P. (2 A-Poul)	Greenville
Willis, S. M. (1 E-EE)	Greenwood
Wilson, H. W. (1 T-TM)*	Greenville
Wilson, R. G. (1 E-EE)*	Greenwood
Winburn, C. L. (1 T-TM)*	Eastman, Ga.
Wingate, W. H. (3 Ch En)	Fairhaven, Mass.
Wolfe, G. A. (1 VAE)	Inman
Woollen, C. L. (1 E-ME)*	Atlanta, Ga.
Worley, C. D. (1 A&S)*	Washington, D. C.
Wright, B. C. (1 E-EE)*	Belton
Wright, F. L. (1 E-EE)*	Chester
Wright, H. G. (3 EE)	Shelton
Yarboro, T. W. (4 A&S)	Mullins
Yarbrough, J. R. (2 Arch)	Salisbury, N. C.

† Students enrolled for the second semester who were not enrolled for the first semester. In this list, students are classified according to their credits at the beginning of the second semester; new students admitted at the beginning of the second semester are indicated by an asterisk (*).

NUMBER OF STUDENTS MAJORING IN EACH CURRICULM
1947-1948

Classification	Agriculture	Agricultural Engineering	Pre-Forestry	Arts and Sciences	General Science	Industrial Physics	Pre-Medical	Chemistry	Architectural Engineering	Architecture	Chemical Engineering	Chemistry-Engineering	Civil Engineering
Senior	84	19	0	13	11	4	13	12	2	11	1	3	35
Junior	90	39	0	52	3	2	32	11	14	39	15	1	73
Sophomore	117	54	9	52	0	4	43	9	28	40	20	1	80
Freshman	202	65	22	59	0	2	72	10	32	52	22	0	103
Postgraduate													
Graduate													
Special													
Total	493	177	31	176	14	12	160	42	76	142	58	5	291

	Electrical Engineering	Mechanical Engineering	Textile Chemistry	Textile Engineering	Textile Manufacturing	Vocational Agricultural Education	Education	Industrial Education	Postgraduate	Graduate	Special	Enrollment by Classes
Senior	58	67	6	86	1	33	1	7				467
Junior	111	110	8	33	98	50	1	16				798
Sophomore	138	127	18	32	179	63	5	17				1036
Freshman	203	191	17	87	178	59	18	17				1406
Postgraduate									18			18
Graduate										6		6
Special											25	25
Total	510	495	49	238	456	205	20	57	18	6	25	3756

ENROLLMENT BY COUNTIES AND STATES

1947-1948

County	*Total*
Abbeville	52
Aiken	76
Allendale	14
Anderson	243
Bamberg	21
Barnwell	23
Beaufort	26
Berkeley	11
Calhoun	14
Charleston	166
Cherokee	49
Chester	68
Chesterfield	34
Clarendon	41
Colleton	24
Darlington	62
Dillon	36
Dorchester	15
Edgefield	28
Fairfield	28
Florence	97
Georgetown	32
Greenville	411
Greenwood	102
Hampton	20
Horry	50
Jasper	17
Kershaw	29
Lancaster	32
Laurens	67
Lee	23
Lexington	46
Marion	64
Marlboro	41
McCormick	16
Newberry	67
Oconee	168
Orangeburg	92
Pickens	169
Richland	97
Saluda	25
Spartanburg	257
Sumter	78
Union	58
Williamsburg	25
York	126
South Carolina Total	3240

State or Country	*Total*
Alabama	10
Connecticut	4
Costa Rica	2
Cuba	2
District of Columbia	19
Florida	39
Georgia	127
Illinois	5
Iowa	1
Kentucky	9
Louisiana	2
Maryland	8
Massachusetts	9
Mississippi	4
Missouri	4
New Jersey	18
New York	31
North Carolina	152
Ohio	2
Pennsylvania	12
Puerto Rico	3
South Carolina	3240
South Dakota	1
Tennessee	24
Texas	5
Virginia	18
Washington	1
West Virginia	3
Wisconsin	1
GRAND TOTAL	3756

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COLLEGE CALENDAR

SUMMER TERM 1948

Matriculation, and Registration	June 18
Classes begin	June 21
Independence Day Holiday	July 5
Examinations	August 17-19
Summer Term ends	August 19

SESSION 1948-1949

Matriculation, new students	September 6
Registration, new students	September 8
Matriculation and Registration, former students	September 9, 10
Classes begin	September 13
State Fair holidays begin at 1 p.m.	October 20
State Fair holidays end at 10 p.m.	October 24
Thanksgiving holidays begin at 1 p.m.	November 24
Thanksgiving holidays end at 10 p.m.	November 28
Christmas holidays begin at 1 p.m.	December 18
Christmas holidays end at 10 p.m.	January 2
End of First Semester	January 29
Mid-Year Graduating Exercises	January 29
Matriculation, new students	January 31
Registration, new students	February 2
Matriculation and Registration, former students	February 3, 4
Classes begin	February 7
Easter holidays begin at 1 p.m.	April 14
Easter holidays end at 10 p.m.	April 18
Commencement	June 5

SUMMER TERM 1949

Matriculation and Registration	June 17
Classes begin	June 20
Independence Day Holiday	July 4
Examinations	August 16-18
Summer Term ends	August 18

SESSION 1949-1950

Matriculation, new students	September 5
Registration, new students	September 7
Matriculation and Registration, former students	September 8, 9
Classes begin	September 12
State Fair holidays begin at 1 p.m.	October 19
State Fair holidays end at 10 p.m.	October 23
Thanksgiving holidays begin at 1 p.m.	November 23
Thanksgiving holidays end at 10 p.m.	November 27
Christmas holidays begin at 1 p.m.	December 21
Christmas holidays end at 10 p.m.	January 3
End of First Semester	January 28
Mid-Year Graduating Exercises	January 29
Matriculation, new students	January 30
Registration, new students	February 1
Matriculation and Registration, former students	February 2, 3
Classes begin	February 6
Easter holidays begin at 1 p.m.	April 6
Easter holidays end at 10 p.m.	April 10
Commencement	June 4

The above schedule is subject to change by the Faculty.

1949

JANUARY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEBRUARY

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27	28					

MARCH

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27	28	29	30	31		

APRIL

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MAY

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31						

AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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1950

JANUARY

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FEBRUARY

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MARCH

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APRIL

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30						

MAY

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JUNE

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NOVEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

DECEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

THE CLEMSON AGRICULTURAL COLLEGE RECORD

PART I

Personnel

PART I—PERSONNEL

BOARD OF TRUSTEES

Life Members

Christie Benet, *Chairman* ——— Columbia, Richland County
Paul Sanders ——— Ritter, Colleton County
T. B. Young ——— Florence, Florence County
R. M. Cooper ——— Wisacky, Lee County
J. F. Byrnes ——— Spartanburg, Spartanburg County
Edgar A. Brown ——— Barnwell, Barnwell County

Term Expires 1950

Ben T. Leppard ——— Greenville, Greenville County
J. F. McLaurin ——— Bennettsville, Lee County
W. A. Barnette ——— Greenwood, Greenwood County

Term Expires 1952

F. E. Cope ——— Cope, Orangeburg County
T. W. Thornhill ——— Charleston, Charleston County
J. B. Douthit, Jr. ——— Pendleton, Anderson County

A. J. Brown, *Secretary* ——— Clemson, S. C.

STANDING COMMITTEES OF BOARD

Agricultural: Douthit, *Chairman;* Young, Cooper, Sanders, Cope, Barnette, McLaurin.

(This committee is also the Veterinary Committee, the Crop Pest Commission, and the Experiment Station Board of Control.)

Executive: ———, *Chairman;* Young, Cooper, Byrnes, Thornhill, Leppard, Brown.

Fertilizer: Cope, *Chairman;* Barnette, Sanders, Douthit, McLaurin.

Finance: ———, *Chairman;* Douthit, Thornhill, McLaurin, Brown.

STATED MEETINGS OF BOARD

3:00 P.M.—Third Friday in March
3:00 P.M.—Third Friday in June
3:00 P.M.—Fourth Monday in October

BOARD OF VISITORS

1948

Roddey Reid ---------- Rock Hill
(Hold-over member)
Austin Busby ---------- Charleston
R. R. Coker ---------- Hartsville
Frank Duncan ---------- Sharon
T. J. Mitchell ---------- Pickens
Charles B. Nichols ---------- Anderson
Frank P. Prettyman ---------- Summerville
Hugo S. Sims ---------- Orangeburg
A. B. Taylor ---------- Spartanburg
P. A. Wallace ---------- Bennettsville
W. L. Watkins ---------- Anderson
Albert Simons ---------- Charleston

OFFICERS CLEMSON ALUMNI CORPORATION 1948-1949

President

J. B. Caughman, '26 ---------- Columbia, S. C.

First Vice-President

M. D. Berry, '13 ---------- Atlanta, Ga.

Second Vice-President

John LeRoy Nichols, '23 ---------- Sumter, S. C.

Secretary-Treasurer

J. H. Woodward, Ex. '03 ---------- Clemson, S. C.

Assistant Treasurer

A. J. Brown, '12 ---------- Clemson, S. C.

Board of Directors

District 1—E. H. Agnew, '16 ---------- Anderson, S. C.
District 2—Harold R. Turner, Ex. '23 ---------- Greenville, S. C.
District 3—W. K. Magill, '15 ---------- Chester, S. C.
District 4—W. E. Hallman, '41 ---------- Aiken, S. C.
District 5—R. A. Easterling, '07 ---------- Denmark, S. C.
District 6—George Warren, '08 ---------- Hampton, S. C.
District 7—W. L. Schacte, '34 ---------- Charleston, S. C.
District 8—Dr. Eugene D. Guyton, '38 ---------- Florence, S. C.
District 9—Dr. R. H. Fike, '08 ---------- Atlanta, Ga.
District 10—F. J. Jervey, '14 ---------- Washington, D. C.
District 11—W. M. Ballenger, '23 ---------- Chicago, Illinois
District 12—W. B. Camp, '16 ---------- Bakersfield, Calif.

Directors at Large

S. C. McMeekin, '23 ---------- Columbia, S. C.
Cecil L. Reid, '02 ---------- Fredericksburg, Va.
J. M. Dunlap, '23 ---------- Cleveland, Tenn.

OFFICERS OF ADMINISTRATION

ROBERT FRANKLIN POOLE, PH.D., D.SC., LL.D.
President

WILLIAM STEWART MORRIS, COLONEL, INFANTRY
U. S. ARMY
Commandant and P. M. S. and T.

ANDREW JOSEPH BROWN, B.S.
Treasurer and Secretary of Board of Trustees

SAMUEL WILDS EVANS
Treasurer Emeritus and Secretary Emeritus of Board of Trustees

JAMES CORCORAN LITTLEJOHN, B.S.
Business Manager

LEE W. MILFORD, M.D.
Surgeon

GUSTAVE ERNEST METZ, B.S., M.A.
Registrar

HERBERT PRESS COOPER, PH.D.
Dean, School of Agriculture and
Director, Agricultural Experiment Station

WILLIAM BARRE AULL, B.S.
Vice-Dean Emeritus, School of Agriculture

RUPERT ALONZO McGINTY, B.S., A.M.
Vice-Director, Agricultural Experiment Station

HOWARD LOUIS HUNTER, PH.D.
Dean, School of Chemistry

FRED HARVEY HALL CALHOUN, PH.D.
Dean Emeritus, School of Chemistry

FRANCIS MARION KINARD, A.B., A.M., LITT.D.
Dean, School of Arts and Sciences

DAVID WISTAR DANIEL, A.M., LITT.D.
Dean Emeritus, School of Arts and Sciences

SAMUEL BROADUS EARLE, A.M., M.E., LL.D.
Dean, School of Engineering
Director, Engineering Experiment Station

JAMES HAGOOD SAMS, JR., PH.D.
Vice-Dean, School of Engineering

HOWARD EMMITT GLENN, B.S., C.E.
Vice-Director, Engineering Experiment Station

WILLIAM HAROLD WASHINGTON, B.S., M.S.
Dean, School of Vocational Education

HUGH MONROE BROWN, PH.D.
Dean, School of Textiles

BRUCE DAYVAULT CLOANINGER, B.S.
Secretary, Board of Fertilizer Control

**ROY AIKEN MAYS, B.SC., D.V.M.
Director of Livestock Sanitary Work, State Veterinarian

DAVID WAYNE WATKINS, B.S., M.A.
Director of Extension Service

CORNELIA AYER GRAHAM, B.S.
Librarian

**Office: John C. Calhoun State Office Building, Columbia, S. C.

FACULTY †

ROBERT FRANKLIN POOLE
President
Ph.D., Rutgers University; D.Sc., Clemson Agricultural College; LL.D., University of South Carolina

ADAMS, LEONARD CALDWELL, *Instructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1943.

ALEXANDER, THOMAS BENJAMIN, *Associate Professor of History and Government.*
B. A., 1939, M.A., 1940, Ph.D., 1947, Vanderbilt University.

ANDERSON, PETER MCINTOSH, *Assistant Professor of Military Science and Tactics.*
Captain, Infantry, United States Army; B.S., Clemson Agricultural College, 1935; Graduate: Company Officers Basic Course, The Infantry School, 1943.

ARD, JAMES HAYNIE, *Assistant Professor of Agricultural Engineering.*
B.S., Texas Agricultural and Mechanical College, 1947.

ARMSTRONG, GEORGE MILLER, *Head of Botany and Bacteriology Department; Professor of Botany and Bacteriology.*
B.S., Clemson Agricultural College, 1914; M.A., University of Wisconsin, 1917; Ph. D., Washington University, 1921.

ARMSTRONG, PERCY LAMAR, *Assistant Professor of Mathematics.*
A.B., 1919; M.A., 1920, Southwestern University.

AULL, GEORGE HUBERT, *Head of Agricultural Economics and Rural Sociology Department; Professor of Agricultural Economics.*
B.S., Clemson Agricultural College, 1919; M.S., University of Virginia, 1928; Ph.D., University of Wisconsin, 1937.

AULL, WILLIAM BARRE, *Vice-Dean Emeritus, School of Agriculture; Professor Emeritus of Bacteriology.*
B.S., Clemson Agricultural College, 1907; Graduate Work, University of Virginia, 1909-1910; Iowa State College, Summers 1925, 1927, 1928.

BANISTER, ROBERT ALLEN, *Instructor in Drawing.*
B.S., Clemson Agricultural College, 1939; Graduate Work, Bradley University, Summers 1947, 1948.

BAUKNIGHT, LEHMAN M., JR., *Assistant Professor of Agricultural Economics.*
B.S., Clemson Agricultural College, 1935; Graduate Work Iowa State College, 1939-1940.

BECKER, CARL LEWIS, *Assistant Professor of Electrical Engineering.*
B.S., Brown University, 1945; M.S., Carnegie Institute of Technology, 1947.

BELL, MARSHALL CORNETT, *Associate Professor of Mathematics.*
A.B., 1933, M.A., 1936, University of North Carolina.

BENNETT, JOHN ZEBULUN, *Instructor in English.*
B.A., 1947, M.A., 1948, Vanderbilt University.

BERNE-ALLEN, ALLAN, *Head of Chemical Engineering Department; Professor of Chemical Engineering.*
B.S.E., University of Michigan, 1924; Ch.E., Columbia University, 1933; Ph.D., Columbia University, 1936.

†Faculty list compiled October 1, 1948.

BERRY, ERNEST B., *Instructor in Weaving and Designing.*
University of Pennsylvania, 1933-1935; Philadelphia Textile Institute, 1935-1941.

BEYER, FRANZ WILLIAM, *Assistant Professor of Electrical Engineering.*
B.A., Ohio State University, 1936; B.E.E., Ohio State University, 1939.

BIGGS, GILBERT WARREN, *Assistant Professor of Economics.*
B.S., 1946, M.S., 1947, Virginia Polytechnic Institute; Graduate Work, University of Virginia, 1947-1948.

BLAIR, WILLIAM GARDINER, *Assistant Professor of Carding and Spinning.*
New Bedford Textile School, 1908; Clemson Agricultural College, Summer, 1927.

BOLEN, CLAUDE WALDRON, *Associate Professor of History and Government.*
A.B., Emory and Henry College, 1931; M.A., 1935, Ph.D., 1941, Duke University.

BOOKER, LEONARD ROWLAND, *Itinerant Teacher-Trainer Industrial Education.*
B.S., Clemson Agricultural College, 1925; M.S., University of Tennessee, 1932; Clemson Agricultural College, Summers 1938, 1939.

BOOKER, MELZAR PEGRAM, *Instructor in Architecture.*
B.S., Clemson Agricultural College, 1948.

BOWEN, WILLIAM CLAYTON, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1932; M.S., Colorado State College, 1940.

BOYD, VIRLYN ALEXANDER, *Assistant Professor of Rural Sociology.*
B.S.A., Berry College, 1941; M.S.A., University of Kentucky, 1948.

BRADBURY, DOUGLAS WILSON, *Assistant Professor of Drawing.*
B.M.E., Clemson Agricultural College, 1940; Graduate Work, Virginia Polytechnic Institute, Summer, 1948.

BRADLEY, MARK EDWARD, *Head of English Department; Professor of English.*
A.B., Erskine College, 1898; Graduate Work, University of Chicago, Summers 1904, 1910; University of North Carolina, Summer, 1927.

BRANNON, CARROLL CLEVELAND, *Associate Professor of Dairying.*
B.S., Clemson Agricultural College, 1934.

BREAZEALE, THOMAS CLARENCE, JR., *Assistant Professor of Dairying.*
B.S., Clemson Agricultural College, 1942; Graduate Work, Iowa State College, 1946.

BREWSTER, JAMES PENDLETON, *Associate Professor of Mathematics.*
A.B., 1935, M.A., 1940, Duke University.

BROCK, DEWEY CLIFTON, *Assistant Professor of Wood Shop.*
B.S., University of South Carolina, 1925.

BROCK, JOHN LELAND, *Acting Head of Industrial Education Department; Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1927; M.A., George Peabody College, 1936.

BROWN, HUGH MONROE, *Dean, School of Textiles.*
B.A., 1920, M.A., 1921, University of Denver; Ph.D., University of California, 1927.

BROWN, JONAS WILLIAM, *Assistant Professor of Mathematics.*
B.S., North Carolina State College, 1931; M.A., Duke University, 1948.

BROWNLEY, FLOYD IRVING, JR., *Assistant Professor of Chemistry.*
B.S., Wofford College, 1939; M.S., Virginia Polytechnic Institute, 1941.

BURTNER, FRANK A., JR., *Associate Professor of Sociology.*
B.A., M.A., University of Texas, 1939; Graduate Work, University of Texas, Summer, 1940; Harvard University, Summer, 1941; University of North Carolina, 1944; Yale University 1946-1947; University of North Carolina, 1947-1948.

BYARS, EDWARD FORD, *Instructor in Mechanics and Hydraulics.*
B.M.E., Clemson Agricultural College, 1946.

BYERTS, WILLIAM EDWARD, JR., *Assistant Professor of Military Science and Tactics (Air).*

Major, United States Air Force; B.S., University of California, 1940; Graduate: The Infantry School, 1940; Air Force Primary, Basic, Advanced and Four Engine Flying Schools 1942-43; The Command and General Staff School, Air Staff Course, 1945; PAS&T Orientation Course Air Training Command, 1946.

BYNUM, WILLIAM LEWIS, *Assistant Professor of Military Science and Tactics.*

Captain, Ordnance Department, United States Army; B.S., North Carolina State College, 1937; Graduate: Ordnance General Course, The Ordnance School, 1944; Ordnance PMS&T Orientation Course, The Ordnance School, 1947.

CALHOUN, FRED HARVEY HALL, *Dean Emeritus, School of Chemistry and Geology; Professor Emeritus of Geology and Mineralogy.*

B.S., 1898, Ph.D., 1902, University of Chicago.

CAMPBELL, THOMAS ALEXANDER, JR., *Associate Professor of Textiles.*

B.S., Clemson Agricultural College, 1928; M.Ed., Pennsylvania State College, 1947.

CARMICHAEL, MARSDEN BEVERLY, *Instructor in Mechanical Engineering.*

B.M.E., Clemson Agricultural College, 1947.

CARODEMOS, PETER, *Professor of Chemistry.*

B.S., Tufts College, 1922; Ph.D., Cornell University, 1927; Harvard University, Summer, 1932; Massachusetts Institute of Technology, Summer, 1941.

*CARPENTER, CHARLES HAROLD, *Instructor in History and Government.*

A.B., Lenoir-Rhyne College, 1945; M.A., George Peabody College, 1946.

CARSON, ROBERT GORDON, JR., *Assistant Professor of Textiles.*

B.S., Clemson Agricultural College, 1939.

CARTEE, EUGENE FRANKLIN, *Associate Professor of Weaving and Designing.*

B.S., Clemson Agricultural College, 1925; M.S., University of Tennessee, 1937; Graduate Work, Pennsylvania State College, Summer, 1941.

CARTER, CLIFTON WALKER, *Instructor in Drawing.*

B.S., Clemson Agricultural College, 1933.

CASKEY, CLAIRE OMAR, *Instructor in English.*

B.S., Appalachian State Teachers College, 1947; A.M., Duke University, 1948.

*CLARK, GRADY WAYNE, *Instructor in Physics.*

B.S., Clemson Agricultural College, 1944; Graduate Work, University of Virginia, 1947-1948.

CLARKE, ELWYN LORENZO, *Head of Civil Engineering Department; Professor of Civil Engineering.*

B.S. in C.E., 1902, C.E., 1931, University of Illinois.

COHEN, HENRY RUSSELL, *Assistant Coach.*

B.S., Vanderbilt University, 1917.

COAKLEY, GEORGE EDWARD, *Assistant Professor of Military Science and Tactics.*

Captain, Infantry, United States Army; B.S., Clemson Agricultural College, 1941; Graduate: The Infantry School, Basic Course, 1941; Iceland Base Command School, 1943.

COKER, EDWARD CALEB, JR., *Associate Professor of Mathematics.*

B.S., University of South Carolina, 1928; M.A., University of North Carolina, 1930; Graduate Work, Brown University, 1932; University of Chicago, Summers 1936, 1938, 1939; University of Chicago, 1939-1940.

*On leave.

COLLINGS, GILBEART HOOPER, *Professor of Soils.*
B.S., Virginia Polytechnic Institute, 1915; M.S., University of Illinois, 1917; Ph.D., Rutgers University, 1925.

COOK, JAMES CLINTON, JR., *Assistant Professor of Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1939.

COOK, JAMES RUSSELL, *Associate Professor of Animal Husbandry.*
B.S., Texas Agricultural and Industrial College, 1939; M.S., Iowa State College, 1948.

COOPER, HERBERT PRESS, *Dean, School of Agriculture; Director, Agricultural Experiment Station; Head of Agronomy Department; Professor of Agronomy.*
B.S., Clemson Agricultural College, 1911; M.S., University of Wisconsin, 1916; Ph.D., Cornell University, 1922.

COOPER, JAMES BRONAUGH, *Associate Poultry Husbandman.*
B.S., University of Kentucky, 1935; M.S., University of Kentucky, 1938.

COUCH, JAMES HOUSTON, *Assistant Professor of Forge and Foundry.*
B.S., Clemson Agricultural College, 1941.

*COX, H. MORRIS, *Associate Professor of English.*
A.B., 1937, M.A., 1939, Duke University.

COX, JAMES TRAMMELL, *Instructor in English.*
A.B., University of North Carolina, 1942; Graduate Work, University of North Carolina, 1945-1946.

COX, WALTER THOMPSON, *Assistant Coach.*
B.S., Clemson Agricultural College, 1939.

CRONIN, EUGENE STEPHENS, *Assistant Professor of Military Science and Tactics.*
Captain, Quartermaster Corps, United States Army; A.B., Boston College, 1937.

CROSBY, RALPH DOZIER, *Adjutant and Assistant Professor of Military Science and Tactics.*
Lieutenant Colonel, Infantry, United States Army; B.S., Clemson Agricultural College, 1938; Graduate: Company Officers' Basic Course, The Infantry School, 1940, The Command and General Staff School, 1946.

CROUCH, SYDNEY J. L., *Head of Religion Department; Professor of Religion.*
Scotch College, Western Australia, 1910; Biblical Seminary, New York, 1915; B. D. Hartford Theological Seminary, 1922; Th.D., Union Theological Seminary, Richmond, Virginia, 1937.

CURTIS, DONALD DEXTER, *Head of Mechanics and Hydraulics Department; Professor of Mechanics and Hydraulics.*
B.E., University of Iowa, 1919; M.S., University of Iowa, 1931.

DANIEL, DAVID WISTAR, *Dean Emeritus, School of Arts and Sciences; Professor Emeritus of English.*
A.B., Wofford College, 1892; M.A., Vanderbilt University, 1901; Litt.D., Wofford College, 1914.

DEAN, JORDAN ARTHUR, *Associate Professor of French and Spanish.*
A.B., Wofford College, 1933; M.A., Vanderbilt University, 1934; Graduate Work, University of Illinois, 1937.

DINWIDDIE, JOSEPH GRAY, JR., *Assistant Professor of Chemistry.*
B.S., Randolph-Macon College, 1942; Ph.D., University of Virginia, 1948.

*On leave.

DUKES, JOSEPH DONALDSON, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1943.

DUNAVAN, DAVID, *Associate Professor of Entomology and Zoology.*
B.S., Oregon Agricultural College, 1925; M.S., Iowa State College, 1928; Graduate Work, Cornell University, Summers 1929, 1931, 1935.

EARLE, SAMUEL BROADUS, *Dean, School of Engineering; Professor of Mechanical Engineering; Director, Engineering Experiment Station.*
A.B., 1898, A.M., 1899, Furman University; M.E., Cornell University, 1902; LL.D., Furman University, 1932.

EATON, ROBERT KNIGHT, *Head of Carding and Spinning Department; Professor of Carding and Spinning.*
A.B., Bowdoin College, 1905; Graduate Work, Philadelphia Textile School, 1905, 1906.

EDWARDS, GEORGE HERBERT, JR., *Associate Professor of Mathematics.*
B.A., M.A., University of South Carolina, 1913; Graduate Work, University of Chicago, Summer, 1915; Columbia University, 1917, 1919, Summer, 1917.

EDWARDS, JAMES LEON, *Instructor in Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1941.

EDWARDS, JOHN CALHOUN, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1942.

EPTING, CARL LAFAYETTE, *Acting Head of Social Science Department; Professor of History and Government.*
A.B., Newberry College, 1921; A.M., University of South Carolina, 1924; Graduate Work, University of South Carolina, 1926, 1928, 1932-1934; University of North Carolina, Summers 1927, 1928.

EVANS, CARSON DEHAY, *Instructor in Chemistry.*
A.B., Wofford College, 1940.

EZELL, HUMPHREY KAY, JR., *Instructor in Textile Chemistry and Dyeing.*
B.S., Furman University, 1948.

FEELEY, ROBERT OLIVER, *Head of Veterinary Science Department; Professor of Veterinary Medicine.*
D.V.S., New York University, 1906.

FELDER, HERMAN MCDONALD, JR., *Assistant Professor of English.*
A.B., Wofford College, 1930; M.A., Vanderbilt University, 1937; Graduate Work, Duke University, Summers, 1933, 1934, 1946.

FERNOW, BERNHARD EDWARD, *Head of Mechanical Engineering Department; Professor of Mechanical Engineering.*
A.B., 1904, M.E., 1906, Cornell University.

FERRIER, WALLACE THOMAS, *Professor of Agricultural Economics.*
A.B., Tarkio College, 1910; M.S., Colorado State College, 1930; Ph.D., University of Minnesota, 1938.

FORD, JOHN MARTIN, *Instructor in Civil Engineering.*
B.C.E., Clemson Agricultural College, 1946.

FOSTER, CHARLES D., *Assistant Professor of Military Science and Tactics.*
Major, Corps of Engineers, United States Army; B.S., Oregon State College, 1931; Graduate: Engineer School; Instructors Course, 1941; Divisional Course, 1943; Cadre Course, 1943.

FREEMAN, EDWIN JONES, *Head of Industrial Engineering Department; Professor of Industrial Engineering and Metallurgy.*
B.S., 1922, M.E., 1939, Clemson Agricultural College; M.S., Virginia Polytechnic Institute, 1942.

GAGE, GASTON, *Professor of Carding and Spinning.*
B.S., Clemson Agricultural College, 1921; M.Ed., Pennsylvania State College, 1941.

GARRISON, OLEN BRANFORD, *Professor of Horticulture.*
B.S., Clemson Agricultural College, 1933; M.S., Louisiana State University, 1934; Ph.D., Cornell University, 1939.

GATES, JOHN HOBART, *Head of Architectural Department; Professor of Architecture.*
B.S., Bates College, 1924; B.F.A., Yale University, 1928.

GENTRY, JOHN BAKER, JR., *Associate Professor of Education.*
B.S., Furman University, 1932; Ed.M., Duke University, 1939.

GILES, EDWARD STARKEY, *Assistant Professor of Electrical Engineering.*
B.S., Clemson Agricultural College, 1937.

GILLESPIE, JOHN WILLIAM, *Instructor in Chemistry.*
B.S., Clemson Agricultural College, 1948.

GLENN, HOWARD EMMITT, *Vice-Director, Engineering Experiment Station, Professor of Civil Engineering.*
B.S. in C.E., 1922, C.E., 1927, University of Kentucky; Graduate Work, Illinois Institute of Technology, Summer, 1940.

GLENN, JOE DAVIS, JR., *Assistant Professor of Civil Engineering.*
B.C.E., Clemson Agricultural College, 1942; Graduate Work, University of Tennessee, 1947-1948.

GODFREY, WILLIAM EMERA, *Professor Emeritus of Physics, Head of Physics Department, Emeritus.*
A.B., 1893, A.M., 1898, Mercer University; Graduate Work, University of Chicago, Summers 1898, 1899, 1900; Cornell University 1906-1907.

*GODLEY, WILLIE CECIL, *Assistant Professor of Animal Husbandry.*
B.S., Clemson Agricultural College, 1943.

GOODALE, BEN EDMUND, *Professor of Dairying.*
B.S., 1922, M.S., 1929, Iowa State College.

GOODIN, CURTIS PAUL, *Assistant Professor of Electrical Engineering.*
B.S., University of Kentucky, 1948.

GRAHAM, JOHN SMITH, *Assistant Professor of Research and Testing.*
B.S., Clemson Agricultural College, 1943.

GRAMLING, ROY MCQUEEN, JR., *Assistant Professor of Military Science and Tactics.*
Captain, Infantry, United States Army; B.S., Clemson Agricultural College, 1940; Armored Force Maintenance School 1941-1942.

GRANT, WALTER ERVIN, *Instructor in Chemistry.*
A.B., Wofford College, 1948.

*GREEN, CLAUDE BETHUNE, *Associate Professor of English.*
B.A., 1935, M.A., 1938, University of Georgia; Graduate Work, University of North Carolina, Summer, 1938; University of Georgia, 1938-1940; Duke University, Summer, 1941; Yale University, 1946-1947.

GREEN, JOSEPH COLEMAN, *Professor of English.*
B.A., 1920, M.A., 1924, Ph.D., 1937, Vanderbilt University.

HALL, WALTER FRANKLIN, *Assistant Professor of Military Science and Tactics.*
Major, Quartermaster Corps, United States Army; B.S., 1930, M.A., 1931, George Peabody College for Teachers; ROTC Orientation Course, 1946.

HALLMARK, GLENN DUNCAN, *Associate Professor of Electrical Engineering.*
B.S. in E.E., 1935, M.S. in E.E., 1946, Texas A. & M. College.

*HANCE, LACONLA HINSON, *Instructor in Weaving and Designing.*
B.S., Clemson Agricultural College, 1946.

HARDEE, A. MAYNOR, *Instructor in French and Spanish.*
A.B., 1947, M.A., 1948, University of South Carolina.

*On leave.

HARLEY, JAMES HADLEY, *Assistant Professor of Mechanics and Hydraulics.*
B.C.E., Clemson Agricultural College, 1946.

HARRIS, DAVID NIVIN, *Assistant Professor Emeritus of Drawing.*
B.S., Clemson Agricultural College, 1908.

*HAUSER, EDWARD RICHARD, *Associate Professor of Animal Husbandry.*
B.S., University of Wisconsin, 1938; M.S., Oklahoma A. & M. College, 1939; Graduate Work, Iowa State College, Summer, 1942.

HENDRICKS, THOMAS ANDREW, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1937.

HENDRIX, RICHARD CALVIN *Instructor in Carding and Spinning.*
B.S., Clemson Agricultural College, 1948.

HEYN, ANTONIUS NICOLAAS JOHANNES, *Professor of Natural and Synthetic Fibers.*
B.S., and M.S., Utrecht University, 1929; Ph.D., Utrecht University 1931; Fellowship with Rockefeller Foundation, College de France, 1932-1933.

HIND, ALFRED THOMAS, JR., *Instructor in Mathematics.*
A.B., 1934; M.A., 1936, Emory University; Graduate Work, Columbia University, 1937-1938.

HOBSON, JAMES HARVEY, *Assistant Professor of Chemistry.*
B.S., University of South Carolina, 1939; M.S., Emory University, 1947; Graduate Work, Emory University, 1947-1948.

HODGE, WYLIE FORT DUPRE, *Assistant Professor of Architecture.*
Clemson Agricultural College, 1907-1908, 1908-1909; New York School of Fine and Applied Arts, 1915-1916, 1920-1921; R.R. Gallerie di Firenze, Italy, Summer, 1931.

HODGES, BAXTER HOWARD, *Assistant Professor of Chemistry.*
B.S., Clemson Agricultural College, 1933; Graduate Work, University of North Carolina, Summers 1935, 1936, 1937, 1938, 1939; Virginia Polytechnic Institute, Summers 1940, 1941, 1942.

HOLMES, ALESTER GARDEN, *Professor Emeritus of History.*
B.S., The Citadel, 1897; Graduate Work, University of Chicago, Summer 1911.

HOLT, ALBERT HAMILTON, *Instructor in English.*
A.B., 1939, M.A., 1947, University of North Carolina.

HOWARD, FRANK JAMES, *Head Coach of Intercollegiate Athletics.*
B.S., University of Alabama, 1931.

HROMI, JOHN DAVID, *Instructor in Mechanics and Hydraulics.*
B.S., Carnegie Institute of Technology, 1948.

HUBBARD, JULIUS CLIFFORD, JR., *Instructor in Weaving.*
B.S., Clemson Agricultural College, 1942.

HUDSON, WILLIAM GARRAUX, *Instructor in Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1946.

HUENERS, GEORGE WILLIAM, *Assistant Professor of Military Science and Tactics (Air).*
Captain, United States Air Force; D.C., Ph.C., Texas Chiropractic College, 1940; Graduate: Primary, Basic, Advanced Flying Schools, 1941-42, AAF School of Applied Tactics, 1942; Command and General Staff School, Air Staff Course, 1946; PAS&T Orientation Course, Air Training Command, 1946; Transportation Refresher Course Air Defense Command, 1947.

HUFF, LORENZ DITMAR, *Head of Physics Department; Professor of Physics.*
A.B., 1927, M.S., 1928, Oklahoma University; Ph.D., California Institute of Technology, 1931.

*On leave.

HUGHES, DAVIS GREGORY, *Instructor in Drawing.*
B.S., Clemson Agricultural College, 1939.

*HUMPHREYS, HAROLD WESLEY, *Assistant Professor of Mechanics and Hydraulics.*
B.C.E., North Carolina State College, 1943.

HUNTER, HOWARD LOUIS, *Dean School of Chemistry and Geology; Professor of Chemistry.*
B. Chem., 1925, Ph.D., 1928, Cornell University; Massachusetts Institute of Technology, Summer 1939.

HUNTER, JOSEPH EVERETT, *Professor Emeritus of Mathematics.*
B.S., Clemson Agricultural College, 1896; Graduate Work, University of Chicago, Summers 1902, 1904, 1910; University of North Carolina, Summer 1928.

HURST, VICTOR, *Associate Professor of Dairying.*
B.S., 1938, M.S., 1940, Rutgers University; Ph.D., University of Missouri, 1948.

HUSMANN, WERNER EMIL AUGUST, *Professor of Agricultural Economics.*
B.S., University of Berlin, 1931; Ph.D., University of Berlin, 1933.

JAMES, ALBERT CADY, *Assistant Professor of Military Science and Tactics (Air).*
First Lieutenant, United States Air Force; A.B., Marietta College, 1940; Graduate: Air Force Primary, Basic, Advanced Flying Schools, 1944; Air PMS&T Orientation Course, Air Defense Command, 1948.

JAMESON, LAKE HUGH, *Instructor in Textiles.*
B.S., Clemson Agricultural College, 1942.

JARRELL, HERMAN ARNOLD, *Assistant Professor of Physics.*
A.B., Catawba College, 1941; Ph.D., University of North Carolina, 1948.

JONES, CHAMP MCMILLIAN, *Associate Professor of Agronomy.*
B.S., Clemson Agricultural College, 1939; M.S., Cornell University, 1940.

JONES, JESS WILLARD, *Associate Professor of Agronomy.*
B.S., Clemson Agricultural College, 1937; M.S., Cornell University, 1938.

JONES, MORRIS WILEY, *Instructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1947.

JONES, ROBERT MORGAN, *Assistant Coach.*
B.S., Clemson Agricultural College, 1930.

*KELLY, LOUIS GRANT, *Instructor in Mathematics.*
B.S., Clemson Agricultural College, 1937; Graduate Work, University of North Carolina, Summers 1938, 1939, 1940, 1941.

KERR, HUGH BARKLEY, *Instructor in Mechanical Engineering.*
B.S., University of Tennessee, 1947.

KERSEY, ROBERT NOEL, JR., *Instructor in Electrical Engineering.*
B.S., in E.E., Georgia School of Technology, 1942.

KINARD, FRANCIS MARION, *Dean, School of Arts and Sciences; Professor of English.*
A.B., Wofford College, 1923; A.M., University of North Carolina, 1929; Graduate Work, University of North Carolina, Summer 1930; Litt.D., Wofford College, 1944.

KING, WILLIS ALONZO, *Professor of Dairying.*
B.S., Clemson Agricultural College, 1936; M.S., 1938, Ph.D., 1940, University of Wisconsin.

*On leave.

KIRKLEY, FRANCIS EDWARD, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1929; Graduate Work, Clemson Agricultural College, Summers 1938, 1939, 1940; University of Kentucky, Summers, 1942, 1943, 1946, 1947.

KIRKWOOD, CHARLES EDWARD, JR., *Associate Professor of Mathematics.*
A.B., Lynchburg College, 1935; M.S., University of Georgia, 1937; Graduate Work, University of North Carolina, Summer 1939; Duke University, Summer 1940.

KLUGH, WILLISTON WIGHTMAN, *Professor Emeritus of Drawing and Designing. Head of Drawing and Designing Department, Emeritus.*
B.S., Clemson Agricultural College, 1896; Graduate Work, Vanderbilt University, 1898; Cornell University, 1900.

LAGRONE, JOHN WALLACE, *Associate Professor of Mathematics.*
B.S., Clemson Agricultural College, 1932; M.A., Vanderbilt University, 1934; Graduate Work, University of Kentucky, 1939-1940.

*LANDER, ERNEST M. JR., *Associate Professor of History and Government.*
A.B., Wofford College, 1937; M.A., University of North Carolina, 1939; Graduate Work, University of North Carolina, Summers 1940, 1941, 1942, 1947-1948.

LANE, JOHN DEWEY, *Professor of English.*
A.B., Newberry College, 1920; M.A., University of Virginia, 1924; Graduate Work, Columbia University, 1928-1929; Summer 1923; George Peabody College, Summer 1935.

LAMASTER, JOSEPH PAUL, *Head of Dairy Department; Professor of Dairying.*
B.S., 1913, M.S., 1928 University of Kentucky.

LANGSTON, JAMES HORACE, *Associate Professor of Textile Chemistry and Dyeing.*
A.B., Stephen F. Austin State Teachers College of Texas, 1937; M.A., 1939, Ph.D., 1941, University of North Carolina.

LAW, WILLIAM PLAYER, *Assistant Professor of Agricultural Engineering.*
B.S., Clemson Agricultural College, 1938.

LAROCHE EVANS ALLEN, *Instructor in Weaving.*
B.S., Clemson Agricultural College, 1942.

LATHEM, RALPH CRENSHAW, *Assistant Professor of Yarn Manufacturing.*
B.S., Alabama Polytechnic Institute, 1941.

LEE, RUDOLPH EDWARD, *Professor of Architecture; Head of Architectural Department, Emeritus.*
B.S., 1896, M. Arch. 1928, Clemson Agricultural College; Graduate Work, Zanerian Art School, Summer 1899; Cornell University, Summer 1900; University of Pennsylvania, 1901.

LEHOTSKY, KOLOMAN, *Associate Professor of Forestry.*
Forest Engineer, Bohemian Technical University, Prague, Czechoslovakia, 1928.
Ph.D., University of Michigan, 1934.

LEWIS, ALEXANDER DODGE, *Associate Professor of Mechanical Engineering.*
B.S. in M.E., University of Tennessee, 1939; MME, Yale University, 1946.

LINDSAY, JOSEPH, JR., *Head of Textile Chemistry and Dyeing Department; Professor of Textile Chemistry and Dyeing.*
A.B., Erskine College, 1919; M.S., University of Tennessee, 1945.

LINDSEY, TATE JEFFERSON, *Professor of Physics.*
B.S., Mississippi College, 1928; Ph.D., Indiana University, 1936.

LITTLEJOHN, CHARLES EDWARD, *Assistant Professor of Chemical Engineering.*
B.S., Clemson Agricultural College, 1940; M.Ch.E., North Carolina State College, 1941; Graduate Work, Virginia Polytechnic Institute, 1946-1947.

*On leave.

*Long, Jim Thomas, *Insructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1943.

Longstreet, Robert Hudson, *Assistant Professor of Architecture.*
B.S., University of Virginia, 1936.

McAdams, William Newton, *Associate Professor of Agricultural Engineering.*
B.S., Clemson Agricultural College, 1938; M.S., University of Georgia, 1939.

McCulloch, John Talbot, *Instructor in Architecture.*
B.S., Clemson Agricultural College, 1947.

McDonald, Patrick Hill, Jr., *Instructor in Mechanics and Hydraulics.*
B.S.E., North Carolina State College, 1947.

McGarity, Hugh Harris, *Director of Music; Associate Professor of Music.*
B.F.A., University of Georgia, 1940; M.F.A., University of Georgia, 1946; Graduate Work, University of Southern California, Summer, 1947.

McGee, Charles M., Jr., *Assistant Professor of English.*
A.B., Furman University, 1934; A.M., Duke University, 1941; Graduate Work, Duke University, 1946.

McHugh, Carl Manning, *Assistant Professor of Drawing.*
B.S., Clemson Agricultural College, 1936; Graduate Work, Virginia Polytechnic Institute, Summer, 1948.

McFadden, James Banks, *Assistant Coach.*
B.S., Clemson Agricultural College, 1940.

McGinty, Rupert Alonzo, *Vice-Director of Agricultural Experiment Station.*
B.S., Alabama Polytechnic Institute, 1913; A.M., Washington University, 1919; Graduate Work, Cornell University, 1926-1927.

McKenna, Arthur Ernest, *Head of Weaving and Designing Department; Professor of Weaving and Designing.*
Graduate Rhode Island School of Design, 1922; Bradford-Durfee Textile School, 1925; B.S., Clemson Agricultural College, 1930; M.S., University of Tennessee, 1933.

McMillan, Covington, *Assistant Coach.*
B.S., Clemson Agricultural College, 1930; M.A., George Peabody College, 1935.

McMillin, Harry Andrew, *Assistant Professor of Architecture.*
B.S., Pennsylvania State College, 1948.

MacIntosh, Fred Henry, *Associate Professor of English.*
A.B., University of South Carolina, 1936; M.A., Duke University, 1942; Graduate Work, Duke University, 1946, 1947-1948.

Mann, Joseph Griffin, *Assistant Professor of Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1947; M.S., Massachusetts Institute of Technology, 1948.

Marshall, John Logan, *Head of Wood Shop Department; Associate Professor of Wood Work.*
B.S., Clemson Agricultural College, 1909; Graduate Work, Bradley Polytechnic Institute, 1919.

Martin, John Campbell, *Instructor in Electrical Engineering.*
B.E.E., Clemson Agricultural College, 1948.

Martin, Rhett Felder, Jr., *Instructor in Physics.*
B.S., Clemson Agricultural College, 1947.

Martin, Samuel Maner, *Professor Emeritus of Mathematics; Head of Mathematics Department, Emeritus.*
B.S., The Citadel, 1896; Graduate Work, Cornell University, Summer, 1900; Harvard University, Summer 1904; University of Chicago, Summer 1908.

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*On leave.

MATHEWS, ANDREW CLARK, *Associate Professor of Botany.*
A.B., 1928; M.A., 1931; Ph.D., 1939, University of North Carolina.

MAULDIN, WILLIAM LAWRENCE, *Assistant Professor of Chemistry.*
B.S., Furman University, 1936; M.A., University of North Carolina, 1939; Graduate Work, University of North Carolina, 1939-1940.

MEEKS, CHARLES DAVENPORT, *Instructor in Forge and Foundry.*
B.M.E., Clemson Agricultural College, 1942.

MENIUS, ARTHUR CLAYTON, JR., *Professor of Physics.*
A.B., Catawba College, 1937; Ph.D., University of North Carolina, 1942.

METZ, GUSTAVE ERNEST, *Registrar.*
B.S., Clemson Agricultural College, 1927; M.A., University of North Carolina, 1928; Graduate Work, University of North Carolina, 1928-1929; Ohio State University, Summer 1930; Teachers College, Columbia University, 1931-1932; University of Chicago, Summer 1939.

MILLER, WILLIAM GILBERT, *Associate Professor of Mathematics.*
A.B., Birmingham Southern College, 1931; M.A., University of Florida, 1933; Graduate Work, University of Florida, Summer 1933.

MILLS, FRANK COXE, *Assistant Professor of Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1940; M.S., Georgia School of Technology, 1947.

MITCHELL, JACK HARRIS, *Professor of Chemistry.*
B.S., 1903, M.S., 1904, Alabama Polytechnic Institute; M.S., University of Illinois, 1911.

MITCHELL, JAMES HARVEY, *Instructor in Physics.*
B.S., Furman University, 1926; M. Ed., Duke University, 1936.

MONROE, JAMES BEASLEY, *Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1915; M.S., Texas A. & M. College, 1935; Graduate Work, Cornell University, Summer 1938.

MOORMAN, ROBERT WARDLAW, *Assistant Professor of Mechanics and Hydraulics.*
B.C.E., Clemson Agricultural College, 1940; M.S., State University of Iowa, 1947.

MORGAN, CHARLES LEE, *Head of Poultry Husbandry Department; Professor of Poultry Husbandry.*
B.S., 1918, M.S., 1927, University of Kentucky; Graduate Work, University of Wisconsin, 1931-1932.

MORRIS, WILLIAM STEWART, *Professor of Military Science and Tactics, Commandant of Cadets.*
Colonel, Infantry, Unitel States Army; B.S., Virginia Military Institute, 1916; Graduate: Basic Course, Signal School, 1922; Basic Course, The Infantry School, 1926; The Command and General Staff School, 1933; Army PMS&T Course, The Infantry School, 1948.

MOSS, ALEX ANDREW, *Instructor in Civil Engineering.*
B.C.E., Clemson Agricultural College, 1948.

MUSSER, ALBERT MYERS, *Head of Horticulture Department; Professor of Horticulture.*
B.S., University of Florida, 1918; Graduate Work, Michigan State College, 1930, 1933.

MYERS, THORNTON KISE, *Assistant Professor of Military Science and Tactics.*
Major, United States Air Force; B.S., Purdue University, 1935; Graduate: Air Force Primary, Basic and Advanced Flying Schools, 1937; Air ROTC Instructors Indoctrination Course, Air University, 1948.

NAUCK, DONALD ADAMS, *Assistant Professor of Military Science and Tactics.*
Captain, Signal Corps, United States Army; B.S.E.E., Montana State College, 1934; Graduate: The Signal Corps School, 1941, Army Air Force School of Applied Tactics, 1943.

*Norman, Clarence C., *Associate Professor of Civil Engineering.*
B.S., in C.E., Iowa State College, 1929; M.S., Iowa State College, 1948.

Norman, Absalom Willis, *Assistant Coach.*
A.B., Roanoke College, 1913.

Nowack, Robert Francis, *Instructor in Mechanics and Hydraulics.*
B.S., Carnegie Institute of Technology, 1948.

Nutt, George Bass, *Head of Agricultural Engineering Department; Professor of Agricultural Engineering.*
B.S., Mississippi State College, 1930; M.S., Iowa State College, 1940.

O'Dell, Wayne Talmage, *Assistant Professor of Dairying.*
B.S., Clemson Agricultural College, 1948.

Owings, Marvin Alpheus, *Associate Professor of English.*
A.B., Wofford College, 1931; M.A., 1932, Ph.D., 1941, Vanderbilt University.

Park, Eugene, *Assistant Professor of Mathematics.*
A.B., University of Georgia, 1939; M.A., Lehigh University, 1941; Graduate Work, University of Wisconsin, 1947-1948.

Peterson, Weber Hjalmar, *Professor of Agricultural Economics.*
B.S., Montana State College, 1936; M.S., Montana State College, 1938; Ph.D., University of Minnesota, 1947.

Petroff, Gilmer, *Assistant Professor of Architecture.*
Yale School of Fine Arts, 1932-1933; Summer 1933; University of Wisconsin, Summer 1932; Europe, 1931, Mexico, Winter, 1934.

Poe, Herbert Vernon, *Assistant Professor of Electrical Engineering.*
B.S., in E. E., North Carolina State College, 1944.

Polk, Henry Tasker, *Associate Professor of Chemistry.*
B.S., 1931, M.S., 1933, University of Kentucky; Ph.D., Cornell University, 1938.

Pollard, Frank H., *Professor of Chemistry.*
B.Chem., 1916, Ph.D., 1922, Cornell University.

Purser, D. I., *Assistant Professor of English.*
B.A., Furman University, 1937; M.A., Duke University, 1942.

Rabe, Robert James, *Instructor in Civil Engineering.*
B.S.E., University of Michigan, 1947.

Rainey, William Thomas, Jr., *Assistant Professor of Textile Chemistry and Dyeing.*
B.S., Davidson College, 1939; Graduate Work, University of North Carolina, 1939-1941, 1946-1948.

Reed, Albert Raymond, *Associate Professor of Physics.*
A.B., Wofford College, 1925; M.S., University of South Carolina, 1931; Graduate Work, University of North Carolina, Summers 1931, 1933.

Reed, Charles Albert, *Associate Professor of Physics.*
A.B., 1926, M.S., 1929, Ph.D., 1948, University of Oklahoma.

Rhodes, Sam Roseborough, *Head of Electrical Engineering Department; Professor of Electrical Engineering.*
B.L., 1900, M.S., 1901, Furman University; B.S., 1907, E.E., 1928, Clemson Agricultural College.

Rhyne, Orestes Pearl, *Head of Modern Language Department; Professor of Modern Languages.*
A.B., Lenoir-Rhyne College, 1907; A.B., 1908, A.M., 1909, University of North Carolina; Ph.D., Johns Hopkins University, 1913; University of Heidelberg, Summer 1914; Resident in Leipzig, 1922.

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*On leave.

RICHARDSON, DRAYTFORD, *Assistant Professor of Animal Husbandry.*
B.S., Clemson Agricultural College, 1938.

RICHARDSON, JOE BYRON, *Associate Professor of Agricultural Engineering.*
B.S., Mississipi State College, 1937; M.S., Iowa State College, 1938.

*RITCHIE, ROBERT RUSSELL, *Professor of Animal Husbandry.*
B.S., 1926, M.S., 1938, Iowa State College.

ROBINSON, DAVID HUNTER, *Assistant Professor of Mechanics and Hydraulics.*
B.C.E., Clemson Agricultural College, 1941.

ROBINSON, GILBERT CHASE, *Associate Professor of Ceramic Engineering.*
B. Cer. E., North Carolina State College, 1940.

ROGERS, ERNEST BRASINGTON, *Assistant Professor of Agricultural Engineering.*
B.S., Clemson Agricultural College, 1948.

ROSENKRANS, DUANE BENJAMIN, *Professor of Botany.*
A.B., Upper Iowa University, 1911; M.A., University of Wisconsin, 1917.

ROSTRON, JOSEPH PRUGH, *Assistant Professor of Civil Engineering.*
A.A., Pasadena Junior College, 1935; B.S. in C.E., Southern Methodist University, 1941.

RUSH, JOHN MILLARD, *Associate Professor of Bacteriology.*
A.B., Indiana University, 1928; M.S., Illinois University, 1935; Ph.D., Purdue University, 1947.

RUTLEDGE, RAY WATSON, *Associate Professor of Botany.*
B.S., Union University, 1923; M.A., George Peabody College, 1924; Ph.D., University of Chicago, 1930.

SALLEY, JAMES RAWORTH, JR., *Instructor in Chemistry.*
B.S., College of Charleston, 1937.

SAMS, JAMES HAGOOD, JR., *Vice-Dean, School of Engineering; Professor of Mechanical Engineering.*
B.S., Clemson Agricultural College, 1924; E.E., Cornell University, 1926; M.S., 1931, Ph.D., 1937, University of Michigan.

SCHIRMER, FRANK BONNELL, JR., *Associate Professor of Chemistry.*
B.S., Clemson Agricultural College, 1934; Ph.D., Cornell University, 1939.

SEFICK, HAROLD JOHN, *Associate Professor of Horticulture.*
B.S., 1935, M.S., 1937, Rutgers University; Graduate Work, Michigan State College, 1941-1942.

SENN, TAZE LEONARD, *Assistant Professor of Horticulture.*
B.S., Clemson Agricultural College, 1939; Graduate Work, University of Tennessee, 1941-1942.

SHACKELFORD, MACFARLAND, *Assistant Professor of Physics.*
B.S., Virginia Polytechnic Institute, 1920.

SHAW, PHILIP MARTIN, *Professor of Architecture.*
B.A., University of Michigan, 1921; B. Arch., Columbia University, 1929.

SHELDON, DAWSON C., *Head of Mathematics Department; Professor of Mathematics.*
B.S., State College of Washington, 1925; M.A., 1927, Ph.D., 1929, University of California.

SHELLEY, ROBERT CLIFTON, *Associate Professor of Agronomy.*
B.S., Clemson Agricultural College, 1940.

*On leave.

SHIGLEY, JOSEPH EDWARD, *Head of Drawing and Designing Department; Professor of Drawing and Designing.*
B.S. in E.E., 1931, B.S. in M.E., 1932, Purdue University; M.S., University of Michigan, 1946.

SMITH, CHESTER ROLAND, *Assistant Professor of Economics.*
B.S., University of Alabama, 1941; M.A., University of Virginia, 1947; Graduate Work, University of California, 1947-1948.

SMITH, RUSSELL BATCH, *Assistant Professor of Military Science and Tactics.*
Lieutenant Colonel, Infantry, United States Army; B.S., United States Military Academy, 1935; Graduate: The Infantry School, Regular Course, 1940; The Command and General Staff School, 1945.

SMITH, WILLIAM ELMER, *Assistant Professor of Military Science and Tactics.*
Captain, Infantry, United States Army; B.S., Clemson Agricultural College, 1941; Graduate: Officers Advanced Course, The Infantry School, 1946-47.

STANLEY, EDWARD L., *Assistant Professor of Mathematics.*
B.S., East Tennessee State College, 1930; M.S., University of Tennessee, 1935; Graduate Work, George Peabody College, Summer 1938; University of Missouri, Summers 1940, 1941, Spring 1941.

STARKEY, LAWRENCE VINCENT, *Head of Animal Husbandry Department; Professor of Animal Husbandry.*
B.S., University of Illinois, 1914; M.S., University of Wisconsin, 1917; Graduate Work, University of Wisconsin, 1930.

STENSTROM, EDWARD FARNUM, *Assistant Professor of Industrial Engineering.*
B.S., Clemson Agricultural College, 1943.

STEPP, JAMES MARVIN, *Professor of Agricultural Economics.*
A.B., Berea College, 1937; M.A., 1938, Ph.D., 1940, University of Virginia.

ST. HUBERT, ROBERT LAMONTAGNE, *Visiting Professor of Architecture.*
Ecole des Beaux Arts, Paris; University of Paris.

STRIBLING, BRUCE HODGSON, *Associate Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1918; M.S., Ohio State University, 1945.

STUART, CHARLES MORGAN, *Assistant Professor of Mathematics.*
A.B., Wofford College, 1920; M.A., Duke University, 1935; Graduate Work, University of South Carolina, 1938, 1945.

SUDDETH, JIMMIE ALAN, *Instructor in Physics.*
B.S., Clemson Agricultural College, 1948.

SULLIVAN, JOHN RUSSELL, *Instructor in Mathematics.*
A.B., Georgetown University, 1939; Graduate Work, Georgetown University, 1939-1940.

*SUTTON, JAMES FRANKLIN, *Assistant Professor of Mechanical Engineering.*
B.M.E., Clemson Agricultural College, 1944; M.S. in M.E., University of Michigan, 1948. Graduate Work, University of Michigan, 1948-1949.

TARRANT, WILLIAM EDWARD, SR., *Associate Professor of Weaving.*
B.S., Clemson Agricultural College, 1927; M.Ed., Pennsylvania State College, 1947.

TAYLOR, RUPERT, *Professor of English.*
A.B., 1903, A.M., 1906, University of Arkansas; Ph.D., Columbia University, 1911.

THODE, FREDERICK WILBUR, *Assistant Professor of Horticulture.*
B.S., Clemson Agricultural College, 1940.

THOMSON, DANIEL PARK, JR., *Assistant Professor of Carding and Spinning.*
B.S., Clemson Agricultural College, 1927; Graduate Work, Furman University, Summer, 1936, Clemson Agricultural College, Summer 1938; George Peabody College, Summer 1938.

*On leave.

TINGLEY, FREEMAN THAYER, *Professor of Electrical Engineering.*
B.S., 1922, E.E., 1935, Bucknell University; M.S., University of Illinois, 1929.

TREVILLIAN, WALLACE DABNEY, *Assistant Professor of Economics.*
B.S., 1940, M.A., 1947, University of Virginia.

TRIVELY, ILO ALLELY, *Associate Professor of Civil Engineering.*
B.S., 1928, M.S., 1941, University of Nebraska.

TURNER, THOMAS JENKINS, *Instructor in Physics.*
B.S., University of North Carolina, 1947.

TUTTLE, JACK EDWIN, *Instructor in History and Government.*
B.A., 1940, M.A., 1948, Pennsylvania State College.

TYNER, RAYMOND ELLIS, *Instructor in English.*
A.B., Berry College, 1945; M.A., University of Georgia, 1948.

VAN BLARICOM, LESTER OSCAR, *Associate Professor in Horticultural Manufactures.*
B.S., 1938, M.S., 1940, Oregon State College.

VAN ESELTINE, WILLIAM PARKER, *Associate Professor of Bacteriology.*
A.B., Oberlin College, 1944; M.S., Cornell University, 1947; Graduate Work, Cornell University, 1947-1948.

VAUSE, ROBERT ZENO, JR., *Instructor in Mathematics.*
B.S., University of South Carolina, 1943; M.A., Duke University, 1947; Graduate Work, George Washington University, Summer, 1948.

WAITE, E. EMERSON, JR., *Associate Professor of Sociology and Psychology.*
B.S., Middlebury College, 1929; M.A., Duke University, 1940.

WALTERS, JOHN VERNON, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1933; Graduate Work, Clemson Agricultural College, Summer 1938; Pennsylvania State College, Summers 1940, 1941.

WARE, ROBERT EDWARD, *Associate Professor of Zoology and Entomology.*
B.S., Iowa Wesleyan College, 1929; Graduate Work, Iowa State College, Summers, 1931, 1932, 1938, 1940.

WARNHOFF, EDWARD HERMAN, JR., *Associate Professor of Entomology.*
B.S., Clemson Agricultural College, 1946; M.S., Texas A.&M. College, 1947.

WASHINGTON, WILLIAM HAROLD, *Dean, School of Vocational Education; Professor of Vocational Education.*
B.S., Clemson Agricultural College, 1920; M.S., Iowa State College, 1922; Graduate Work, Georgia School of Technology, Summer 1925; George Peabody College, Summers 1928, 1929; 1932-1933.

WATKINS, JOHN MAULDIN, JR., *Instructor in Physics.*
B.S., Clemson Agricultural College, 1947.

WATSON, CHARLIE HUGH, *Instructor in English.*
A.B., Wofford College, 1933; A.M., Duke University, 1945.

WATSON, ERNEST CHISOLM, *Assistant Professor of Military Science and Tactics.*
Lieutenant Colonel, Infantry, United States Army; B.S., Clemson Agricultural College, 1926; Graduate: The Armored School Advanced Tactics, 1942; Aerial Observers School, 1943; The Command and General Staff College, 1947.

WATSON, SAMUEL MCIVER, JR., *Associate Professor of Mechanical Engineering.*
A.B., Elon College, 1936; B.S., 1937, M.S., 1942, North Carolina State College.

WEBB, WILLIAM EDWARD, *Instructor in History and Government.*
A.B., Hampden Sydney College, 1943; M.A., Duke University, 1947.

WHEELER, RICHARD FERMAN, *Assistant Professor of Animal Husbandry.*
B.S., Clemson Agricultural College, 1947; Graduate Work, Mississippi State College, 1948, Summer, 1948.

WHITE, THOMAS ARLINGTON, *Professor of Vocational Education.*
B.S., 1924, M.S., 1929, North Carolina State College; Ph.D., Cornell University, 1933.

WHITNEY, JOHN BARRY, JR., *Associate Professor of Botany.*
B.S., University of Georgia, 1935; M.S., North Carolina State College, 1938; Ph.D., Ohio State University, 1941.

WHITTEN, WILLIAM CLYDE, JR., *Instructor in Textiles.*
B.S., Clemson Agricultural College, 1947.

WILLIAMS, JACK KENNY, *Instructor in History and Government.*
A.B., Emory and Henry College, 1940; M.A., Emory University, 1947; Graduate Work, University of Kentucky, Summer, 1948.

WILLIAMS, WILLIAM BRATTON, *Assistant Professor of Weaving and Designing.*
B.S., Clemson Agricultural College, 1925; Graduate Work, Pennsylvania State College, Summers 1939, 1940.

WILSON, HAROLD BETTS, *Assistant Professor of Textiles.*
B.S., Clemson Agricultural College, 1941.

WILSON, MILNER BRADLEY, JR., *Assistant Professor of English.*
A.B., Wofford College, 1924; A.M., Columbia University, 1936.

WINTER, JAMES PAUL, *Assistant Professor of English.*
A.B., Marshall College, 1930; M.A., Columbia University, 1932; Graduate Work, Columbia University, 1932-1933, Summers 1939, 1940; New York University, Summers 1936, 1938; Tulane University, Summer 1935.

WOOD, KENNETH L., *Assistant Professor of Physics.*
B.S., Carson Newman College, 1932; M.S., University of Tennessee, 1934; Graduate Work, Duke University, Summer 1940.

WOOD, ROY, *Instructor in Economics.*
B.A., 1943, M.A., 1948, University of Virginia.

INSTRUCTIONAL ASSISTANTS*

Bultman, Phelps Herbert, *Architecture*

Nicholson, Robert Walter, *Architecture*

Putnam, Samuel Rufus, B.S., *Architecture*

Warner, Clyde King, Jr., B.C.E., *Architecture*

Aronson, Arthur Aaron, A.B., *Chemistry*

Bruner, George Evans, III, B. S., *Chemistry*

Adams, John Harold, *Civil Engineering*

Demosthenes, Stratton Aleck, *Civil Engineering*

Floyd, Phil Reese, *Civil Engineering*

Dargan, Archie Shaw, Jr., *Drawing*

Sweeny, Hale Caterson, *Drawing*

Stephens, Walter Murph, Jr., *Drawing*

Harrelson, McLeod Wilson, B.M.E., *Mechanical Enigneering*

Jones, Clarence Rollins, Jr., B.M.E., *Mechanical Enineering.*

Perry, Robert Lindsay, B.M.E., *Mechanical Engineering*

Cauble, Ray Newman, A.B., *Physics*

Jacques, James Robert, B.S., *Physics*

Kincaid, William Leo, A.B., *Physics*

Lipton, Morey, B.S., *Zoology and Entomology*

*List of Instructional Assistants compiled October 1, 1948.

STANDING COMMITTEES OF THE FACULTY—1948-1949

ATHLETICS:
Milford, *Chairman;* Gage, Mitchell, J. H., Morgan, T. W., Rhodes, Frank Howard, Coach, *ex officio;* J. C. Littlejohn, Business Manager, *ex officio;* G. E. Metz, Registrar, *ex officio.*

BUILDINGS AND GROUNDS:
Watson, D. J., *Chairman;* Gates, Glenn, H. E., Hill, H. H., McGinty, Musser, Nutt, Rhodes, Sams, Webb, H. J.

CALENDAR:
Osborne, *Chairman;* Cole, Crouch, Donelon, Gribbin, Hardin, Hill, H. H., Holtzendorff, Metz, Morgan, T. W., Miss Shanklin, Simons, Woodward, The Commandant, Editor of the Tiger, President of the Senior Class, President of Tiger Brotherhood, President of Blue Key, President of Central Dance Association.

CATALOG:
Metz, *Chairman;* Epting, Glenn, H. E., Kinard.

CONCERT SERIES:
Metz, *Chairman;* Burtner, Freeman, Hill, G. H., McGarity, Morgan, C. L., Osborne, Miss Shanklin, Watson, D. J., President of Mu Beta Psi, President of the Senior Class, Editor of The Tiger.

CURRICULA, COURSES, AND ENTRANCE REQUIREMENTS:
Earle, *Chairman;* Bradley, Brown, H. M., Cooper, H. P., Hunter, H. L., Metz, Sheldon.

DEFICIENT STUDENTS:
Kinard, *Chairman;* Gentry, Green, J. C., Hobson, LaGrone, Stanley, Starkey, Tingley.

ETHICS AND RELIGION:
Crouch, *Chairman;* Cole, Donelon, Gribbin, Hardin, Holtzendorff.

FOOD AND NUTRITION:
LaMaster, *Chairman;* Lease, Littlejohn, Morgan, C. L., Musser, Nutt, Patrick, Starkey, Van Blaricom, Mess Officer, *ex officio.*

GRADUATE WORK:
----------, *Chairman;* Arndt, Aull, G. H., Brown, H. M., Carodemos, Collings, Cook, J. M., Freeman, Glenn, H. E., Green, J. C., Huff, Hunter, H. L., King, Sams, Schirmer, Taylor, R., Webb, H. J., White.

LIBRARY:
Bradley, *Chairman;* Alexander, Aull, G. H., Berne-Allen, Bolen, Bryan, Carodemos, Collings, Earle, Lindsay, J., Rosenkrans, Stanley, Taylor, R., Watkins, Whitney, Miss Graham, Librarian, *ex officio.*

LOANS:
Littlejohn, *Chairman*; Brown, A. J., Hill, G. H., Howard, Vickery, Woodward.

PUBLIC LECTURES:
Bolen, *Chairman;* Bradley, Cloaninger, Freeman, Green, J. C., Goodale, Langston, Lindsey, T. J., Stribling, B. H.

PUBLICATIONS AND RADIO:
McGinty, *Chairman;* Califf, Cole, T. A., Eleazer, Lane, Osborne, Seabrook, Simons, Stribling, S. C.
(J. D. Lane, Faculty Adviser for student publications.)

RECREATION:
Webb, H. J., *Chairman;* Cannon, Epting, Gage, Glenn, H. E., Godbey, Hill, G. H., Kirkley, Miller, Musser, Nutt, Patrick, Roark, Watson, D. J.

KRESS RESEARCH:
McGinty, *Chairman;* Carodemos, Lease, Lindsay, J., Sheldon, Stepp, Tingley, Miss Graham, Librarian, *ex officio;* J. C. Littlejohn, Business Manager, *ex officio.*

RESEARCH, PLANNING AND DEVELOPMENT:
Brown, H. M., *Chairman;* Arndt, Carodemos, Heyn, LaMaster, Musser, Nutt, Peterson, Robinson, G. C., Sams, Watson, D. J.

SCHEDULE:
LaGrone, *Chairman;* Brock, J. L., Brownley, Epting, Gage, Huff, Jones, J. W., McGee, Metz, Morgan, C. L., Pollard, Smith, W. E., Tingley.

SCHOLARSHIP AWARDS:
Metz, *Chairman;* Brown, A. J., Gage, Kinard, Rutledge, Shigley, White.

SCHOLARSHIP AND HONORS:
Sheldon, *Chairman;* Carodemos, Curtis, Green, J. C., Lindsay, J., McGinty, McIntosh, McKenna, Monroe, Schirmer.

SOCIAL FUNCTIONS:
Edwards, G. H., *Chairman;* Bowen, Brewster, Coakley, Cox, W. T., Curtis, Dinwiddie, Goodale, Green, J. C., Harley, Hill, G. H., Holtzendorff, Menius, Paden, Purser, D. I., Tingley, Tuttle, Williams, J. K., Williams, W. B., Wilson, H. B., The Commandant.

STUDENT GOVERNMENT:
Goodale, *Chairman;* Armstrong, Lane, Marshall, Metz, Owings, The Commandant.

STUDENT ORGANIZATIONS (Including Honor Societies):
Schirmer, *Chairman;* Brock, Cloaninger, Collings, Freeman, Goodale, Marshall, Sheldon, Taylor, R., Vickery.

STUDENT WELFARE:
Lane, *Chairman;* Aull, G. H., Bell, Blair, Coker, Cook, J. C., Hill, G. H., Hunter, H. L., Jones, R. M., LaMaster, Mauldin, Metz, Sams, Washington.

UNIFORMS:
Littlejohn, *Chairman;* Brown, A. J., Lathem, The Commandant, Senior ROTC Quartermaster Instructor, Douthit, Trustee Member.

VISITORS:
Woodward, *Chairman;* Califf, Goodale, Hill, G. H., Hill, H. H., Holtzendorff, Miss Shanklin, Watson, D. J., The Commandant.

Y. M. C. A.
Martin, *Chairman;* R. F. Poole, President, *ex officio;* Aull, G. H., Cloaninger, Earle, Goodale, Green, J. C., Hunter, J. E., Kinard, Littlejohn, J. C., McGinty, Douthit, J. B., Trustee Member; Young, T. B., Trustee Member; Folger, T. A., Alumni Member; Henry, J. A., Alumni Member; Morris, Earle E., President Y.M.C.A., *ex officio;* Holtzendorff, P. B., Jr., General Secretary Y.M.C.A., *ex officio.*

*OTHER OFFICERS AND ASSISTANTS

Jacob Henry Woodward ---------- *Assistant to the President*
Virginia Earle Shanklin, A.B. ---------- *Secretary to the President*
Kenneth Notley Vickery, B.S. ---------- *Assistant Registrar*
Reginald Justin Berry, B.S. ---------- *Assistant to the Registrar*
Helen Coker, A.B. ---------- *Assistant to the Registrar*
John Goodman, B.S., A.B. in L.S. ---------- *Assistant Librarian*
James Mitchell Reames, B.A., B.S. in L.S. ---------- *Reference Librarian*
Margy Alberta Hartkopf, *A.B.* ---------- *Acquisition Librarian*
Angelina Hall Way, A.B., B.S. in L.S. ---------- *Circulation Librarian*
Emma Bishop Bishop, B.A. ---------- *Cataloger*
Sidelle Ellis, B.S. ---------- *Assistant Cataloger*
Faye Mitchell, A.B. ---------- *Assistant to Circulation Librarian*
Edward L. B. Osborne, B.S. ---------- *Director, News Bureau*
Graham Hamilton Hill ---------- *Assistant Business Manager*
Virginia Poole, A.B. ---------- *Assistant to the Business Manager*
Kenney R. Helton ---------- *Personnel Clerk, Business Manager's Office*
Henry Hughes Hill, Jr., B.S. ---------- *Manager, Housing Project*
Trescott Newton Hinton, B.A. ---------- *Assistant Bookkeeper*
Joseph Shelor Walker, B.S. ---------- *Assistant Bookkeeper*
Helen Morrison ---------- *Assistant to the Treasurer*
Ralph Dozier Crosby, Lt. Col., U. S. Army ---------- *Adjutant*
Henry Hammond Medlock, Master Sergeant, U. S. Army---*Sergeant Major*
Irene Julian, R.N. ---------- *Director of Nurses*
Myrtle Dean ---------- *X-Ray and Laboratory Technician*
Gladys Mitchell, R.N. ---------- *Clinical Supervisor*
Lois Wright, R.N. ---------- *Bedside Supervisor*
David Joseph Watson, B.S. ---------- *Supt. of Buildings and Grounds*
William Ernest McGuire ---------- *Asst. Supt. of Buildings and Grounds*
James G. Lindsay ---------- *Mess Officer*
Fred Leonard Zink, Jr. ---------- *Asst. Mess Officer*
Margaret Crowther, B.S. ---------- *Dietitian*
Aldrich A. Atkinson, B.S. ---------- *Asst. to Mess Officer*
Preston Brooks Holtzendorff, Jr., LL.B. ---------- *General Secretary, Y.M.C.A.*
John Roy Cooper, B.S., M.A. ---------- *Associate Secretary, Y.M.C.A.*
Harold Cole, A.B., B.D. ---------- *Pastor, Baptist Church*
Robert Emmet Gribbin, Jr., B.A., S.T.B. ---------- *Rector, Episcopal Church*
Sydney J. L. Crouch, B.D. Th.D. ---------- *Pastor, Presbyterian Church*
Elliott Wannamaker Hardin, A.B., B.D. ---------- *Pastor, Methodist Church*
John M. Donelon, B.A. ---------- *Pastor, St. Andrews Catholic Church*
James L. Spangenberg, A.B., B.D. ---------- *Minister to Baptist Students*

*List of other officers and assistants compiled October 1, 1948.

THE CLEMSON AGRICULTURAL COLLEGE RECORD

PART II

Information

PART II—INFORMATION

GENERAL INFORMATION

Clemson is a land-grant college, a state institution, and one of the A. and M. colleges which emphasizes agriculture and mechanical industries. Clemson is fully accredited by the Southern Association of Colleges and Secondary Schools.

The twenty-six curricula under the Schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education form a background of training for the hundreds of occupations in which Clemson graduates engage. In addition to the training for a specific occupation, each curriculum is broadened to include fundamental training in the occupational area as well as the worthwhile values of general education. Although the College is organized on the university plan of various schools, it retains its entity through the inter-relationships of schools and departments in providing a well-balanced educational program.

The enrollment of Clemson has grown from 446 students in the opening of the college in 1893 to a pre-war peak of 2,381 and a current enrollment of 3,277 for the first semester, 1948-1949. During this period 26,777 students have attended Clemson and of this number 7,763 have been awarded the bachelors degree.

REQUIREMENTS FOR ADMISSION

Entrance Requirements. The requirements for entrance to Clemson include graduation from an accredited high school with at least sixteen units; of the units presented for admission, at least three must be in English, one and one-half in algebra, one in plane geometry, and one in history.

Students who cannot fulfill the requirements outlined above may be considered for admission as follows:

(1) Applicants who have qualified for a South Carolina High School Certificate by examination are given very careful consideration. The final decision is dependent upon the quantity and

quality of such work as has been completed in high school as well as upon the fact that the applicant has qualified for the certificate.

(2) Mature students who cannot meet the formal requirements indicated above but who have an adequate educational background for scholastic work in college may qualify for admission by passing the entrance examinations. Further information will be furnished on request.

Application Blanks. Blanks to be used in applying for admission may be obtained from the Registrar, Clemson College, Clemson, South Carolina.

Placement Tests. Placement tests, required of all students are given within a day or two after matriculation. The placement tests consist of examination on basic information in mathematics and English. The purpose in giving the tests is to determine which students are in need of review courses in mathematics and English before attempting college courses in these important subjects. It is in the interest of the student that he is required to take such a review course if he does not make a qualifying score on the placement test. Such students may begin taking their other freshman subjects, but will postpone freshman mathematics, English, or both, until after they complete satisfactorily the review course or courses required. All new students will be required to take the placement tests, but those who have previously completed college courses in mathematics and English will not be required to take the review courses in these subjects.

Admission to Advanced Standing. Work that has been completed in other colleges will be carefully considered and evaluated in terms of equivalent courses in the curriculum at Clemson selected by the student. The applicant must present for consideration: (a) a statement of honorable dismissal from the institution last attended, (b) an official transcript of his record, including entrance credits and (c) an official statement that he is eligible to return to the institution last attended. College credits given by transfer are provisional and may be cancelled at any time if the student's work is unsatisfactory. A student coming from another institution must spend at least one regular session in the College before he is eligible to apply for a degree.

Matriculation. Students upon arrival at the College at the opening of the session must report at once to the Registrar's Office. New students will be directed in the procedure necessary to complete their enrollment. A student's matriculation with the College is equivalent to his pledge to conform to the rules of the institution. Any admission gained or matriculation made irregularly is subject to cancellation.

EXPENSES

Settlement of College Fees. The Treasurer of the College is the fiscal officer and all transactions relating to payments must be conducted through him. The entrance payment includes the full cost of uniform plus fees and living expenses for the first quarter and must be made before a student can be assigned to a room in barracks or permitted to begin work. Other payments are due as indicated. Remittances should be made in cash, money order, cashier's check, or by local check made payable to A. J. Brown, Treasurer. All remittances made by mail must be addressed to: The Treasurer, Clemson College, Clemson, South Carolina. A personal check which is given in payment of dues and is returned by the bank unpaid automatically cancels a student's reservation and automatically drops from class rolls a student who is in school.

Expenses. The cost to South Carolina barracks students for board, laundry, room, all fees, and tuition will amount to $527.00 for the 1948-1949 session. Students from other states pay an additional $170.00. The State Law requires that all non-resident students pay the out-of-state tuition. The bona fide residence of the parent, or legal guardian, determines the residence of the student. The college reserves the right to adjust expenses to current costs.

In addition to the expenses indicated above, each freshman cadet will pay to the College Treasurer the cost of the uniform. For the 1948-1949 session the cost of the uniform was $114.40.

The 1948-1949 payments for regular cadets, including room, board, laundry, all fees, tuition, and uniform are indicated below.

Payments Due	South Carolina Students	Non-Resident Students
At entrance	*$234.15	*$276.65
November 8	*143.75	*186.25
February 3	131.75	174.25
March 31	131.75	174.25

* Based on cost of uniform for 1948-1949.

The payments for room, board, and laundry, for qualified non-ROTC veterans staying in the barracks are given below:

Payments Due	Qualified Veterans in Barracks
At Entrance	$85.60
November 8	85.60
February 3	85.60
March 31	85.60

For veterans qualified for benefits under the G. I. Bill or Veteran's Vocational Rehabilitation, the Veterans Administration pays tuition fees and the costs of necessary books and supplies. The veteran pays his own living expenses but the subsistence checks to be received by the veteran will more than reimburse him for the cost of living in the barracks at Clemson.

Information concerning payments for Day Cadets will be furnished on request.

Books and Supplies. The cost of books is not included in the figures given above. Freshman books and supplies cost approximately $40.00 at the beginning of the regular session. For veterans, qualified for benefits under the G. I. Bill or Veterans Vocational Rehabilitation, books and educational supplies will be issued, the cost to be paid by the Veterans Administration.

Uniforms. Clemson cadets are wearing a distinctive gray uniform of a design and material similar to that worn in prewar days. The garments required are: 1 gray service coat, 2 gray service trousers, 2 service caps, 1 blue mackinaw, 1 web waist belt, 1 coat belt, 6 gray cotton shirts, and 1 raincoat. Insignia are purchased by the individual in addition to these major items.

The costs for 1949-1950 should not exceed those for 1948-1949.

After the first year, the cadets will be required to purchase only needed articles. Based on prior usage factors, the minimum requirements for each successive year will be $13.70.

In this connection, parents are advised that those students who are successful in entering ROTC receive a substantial amount from the United States government in the form of commutation of uniform; specifically, $9.00 each year for the Freshman and Sophomore years and $94.77 for the Junior and Senior years combined.

Refunds. No refunds will be made on Tuition and Fees other than living expenses after five weeks attendance during the semester. Refunds for periods of attendance during the semester of less than five weeks will be based upon a charge of 20% for less than two weeks, 40% between two and three weeks, 60% between three and four weeks and 80% between four and five weeks.

Living expense items will be refunded on a prorata basis, holidays excepted, for periods unused in excess of two weeks.

Lost or Damaged Articles:

1. The College will not be liable for articles lost or stolen in the barracks.

2. The College will not be liable for lost or damaged laundry unless reported within two days after the date upon which the laundry was due to be delivered, and then not more than the actual depreciated value of such articles as have been lost or damaged.

Student Banking Accounts. For the convenience of students the College operates a banking department in the Treasurer's Office where money can be deposited and withdrawn as the occasion may demand. This service is purely local. Students are urged to deposit their money in the bank and not to keep it in their rooms.

Books and Supplies. The L. C. Martin Drug Co., Inc., conducts a store near the campus and maintains a book and supply

store where students may purchase textbooks, drawing instruments and other supplies. A complete list of the textbooks used in each course, together with their prices will be furnished on application to the book store.

Each student will be required to own his textbooks and necessary equipment. All students shall submit their textbooks and other equipment for inspection at such times as are ordered.

Optional Expenses. It is not possible to give an estimate of a student's expenditures for such amusements as dancing, moving pictures, etc. This depends largely upon the disposition of the young man. The College endeavors to reduce to a minimum the temptation to spend money needlessly, but the authorities cannot be responsible for a student's private expenditures. This must be a matter between him and his parents.

Transcripts. Official transcripts of scholastic records are issued on request. One transcript is furnished free; additional copies are issued for one dollar each. Remittances for transcripts should be made payable to The Treasurer, Clemson College, but should accompany transcript requests and should be mailed to The Registrar.

Student Aids. A number of young men secure positions as waiters in the mess hall, for which service they are paid at the rate of about thirteen dollars a month. These positions are filled by the Mess Officer, to whom all correspondence should be addressed.

FINANCIAL ASSISTANCE

The William Wilson Finley Loan Fund. The sum of $1,000 has been deposited with the College to be used as a loan fund to students living in counties traversed by the Southern Railway or the Blue Ridge Railway.

The George Cherry Foundation. Mrs. Mary Cherry Doyle has donated $1,000 to aid worthy and needy students from Oconee County and that part of Anderson County including Pendleton. This fund is not available for first-year students.

Clemson Student Loan Association Fund. A number of interested teachers, officers, alumni, and friends of Clemson College have contributed $2,500 to be loaned to worthy Clemson students.

The Wade Stackhouse Loan Fund. A gift of $20,000 from Dr. Wade Stackhouse of Dillon, whose father, the late Hugh Milton Stackhouse, was a trustee of Clemson has been deposited with the College. The fund is designed to furnish assistance through loans to ambitious Clemson graduates who give promise of becoming leaders in research.

Daniel Memorial Loan Fund. Interest on $10,000 given by Daniel Construction Company as a memorial to the late James Fleming Daniel and Fred Adams Daniel, father and brother respectively, of the officers of the corporation.

The Alexander P. Anderson and the Lydia Anderson Fellowship. Mr. and Mrs. Anderson have given to the Clemson Agricultural College the sum of $12,500 for the purpose of establishing a fellowship fund. The income from this trust fund is to be used for the purpose of awarding a scholarship or fellowship to one or more Clemson graduates for advanced work in biological sciences including bacteriology and entomology. The scholarship is to be awarded annually by the faculty of the Clemson Agricultural College to an outstanding student. The name of the beneficiary is reported to the Board of Trustees, and an accounting of the funds by the Treasurer of the College is made annually.

The Sears Roebuck Agricultural Foundation has made funds available for freshman agricultural scholarships at Clemson for the past several years. There were twenty one-hundred-dollar Sears Roebuck Scholarships available for 1948-1949 for freshmen who took the agricultural course. The scholarships are awarded on the basis of a competitive examination. Further information concerning these awards may be secured from Dr. H. P. Cooper, Dean, School of Agriculture, Clemson College, Clemson, South Carolina.

The College is in need of funds to lend worthy students. Donations for this or other purposes may be made to the Board of Trustees of Clemson College, or to the Trustees of the Clemson

Alumni Foundation. The President of the College or the Secretary of the boards named above will be glad to communicate with any person who is interested in establishing such a fund.

Warwick Chemical Foundation in Memory of Manfred Caranci. The sum of $3,000 to be held as part of the general capital endowment funds and the income to be used from time to time as the governing board shall from time to time designate, primarily for scholarships to encourage education and research in chemistry and to enable worthy students to pursue graduate studies in chemistry, and otherwise to promote chemical education.

Howard Carlisle Copeland Memorial Fund. The family of Howard Carlisle Copeland, who gave his life during the recent war, has set up a permanent memorial fund to be known as the Howard Carlisle Copeland Fund. Each year the interest from the fund shall be given to the boy who has made the greatest endeavor financially to stay in college. In 1948 this award was made to Purvis Hobson Bedenbaugh, Jr. of Leesville, South Carolina.

Ben and Kitty Gossett Scholarship Fund. A trust fund of $10,000 administered by the President of the College and Trustees of the Clemson College Foundation, the interest from which is available for scholarships. First consideration in awarding these scholarships is to be given to young men whose families are employed in the textile mills of South Carolina.

BUILDINGS AND GROUNDS

Buildings. Tillman Hall houses the offices of the President, the Registrar, the Commandant, the Treasurer, the Business Manager, the Professor of Military Science and Tactics, and the Dean of the School of Arts and Sciences. This building also has over twenty classrooms. At the north end of the building is Memorial Hall, the College Auditorium, with a seating capacity of about eighteen hundred.

The Library Building, located in approximately the center of the campus, houses the Main Library, the Agricultural Reference Department, the Museum, the Recreational Reading Room and the Music Room. The Social Science Department uses four

class rooms on the second floor, and the Mailing Room for the Experiment Station and Extension Departments is on the basement floor.

The Library contains 101,737 bound volumes, consisting of books, periodicals and U. S. Government Publications. In addition to the bound volumes the Library contains 780,672 unbound Federal, State, Experiment Station and Extension Service publications; 6,948 unbound periodicals and 38,000 pamphlets and clippings in the vertical subject file. A grant from the General Education Board is enabling the Library to greatly strengthen its holdings of scientific and technical periodicals, journals and books.

The Museum is located on the balcony of the Main Reading Room. It contains many interesting items—Indian Relics, mounted birds and animals, and World War I and II relics, all of which were gifts from friends and alumni.

The Recreational Reading Room is located in the basement of the Library Building, is beautifully and comfortably furnished, and contains many popular and attractive books, current magazines, and daily newspapers.

The Music Room, also located on the basement floor, contains a Carnegie Collection of 1,068 recordings of classical and semi-classical music, an RCA record player, along with music scores and other books relating to music.

The Library Staff consists of seven professionally trained Librarians and several other non-professional assistants and clerical workers. A trained Librarian is always on duty to assist faculty and students.

The Library is open daily from 8 A. M. until 11 P. M., Monday through Friday, from 8 A. M. to 6 P. M. Saturdays, and from 2 P. M. to 11 P. M. Sundays, with the exception of holidays.

The instructional work of the institution is maintained largely in the departmental buildings. The Schools of Agriculture, Engineering, Textiles, Vocational Education, and Chemistry have individual buildings especially designed for their purposes. The School of Arts and Sciences is located in the Administration

Building with additional classrooms in the Library and the Physics Building. Certain laboratory work is conducted at the greenhouses, live stock barns, poultry plant, veterinary hospital, and other buildings on the college farm.

The cadet barracks consist of nine large brick buildings—five of which were constructed since 1935 and three temporary wooden structures erected during 1946. All barracks are steam-heated, electrically-lighted, and supplied with hot and cold water. The one thousand and twenty-six rooms in the barracks are furnished with single-width iron cots and other necessary equipment.

The Hospital, located about a quarter of a mile from the barracks, is a wooden building, especially designed for the purpose. The equipment includes a Victor X-ray machine, a new Burdick ultra-violet ray machine, and a sorensen machine of the latest design for ear, eye, nose, and throat treatments.

The Y. M. C. A. building is a four-story structure equipped with club rooms, lounge rooms, game rooms, and has in addition, thirty rooms available for permanent roomers, guests, and transients. Some of these rooms are reserved for members of the Extension Department and other visitors and guests, and are equipped with connecting or private baths. All the rooms are furnished with Simmons beds and Beautyrest mattresses. Having an auditorium, gymnasium, and swimming pool, the YMCA building is admirably fitted to serve as a center of social activities and voluntary religious work. Two auditoriums equipped with heating and cooling systems provide accommodations for numerous conferences, especially during the summer months when fewer students are in school.

The Physical Education Building consists of a central office and dormitory section, a field house, and a gymnasium.

The Laundry, which is operated exclusively for the students, is a brick building, equipped with improved modern machinery.

The Clemson College Hotel, a frame building, is situated on a hill overlooking the campus. This building and numerous brick and frame residences furnish homes for a number of the college teachers and officers.

Fort Hill, the former home of John C. Calhoun, is located on the Clemson campus. In accordance with the provisions of Mr. Clemson's will, this residence has been made a shrine in honor of Mr. Calhoun. Several pieces of furniture and other interesting relics, formerly the property of Mr. Calhoun, are carefully preserved in this home, where they may be seen by visitors to the college.

Grounds. The college grounds comprise about 1,645 acres, including the campus, the farm, and the Experiment Station grounds. The two-hundred acre campus is laid out in walks, drives, and lawns, and is shaded by a beautiful grove of native forest trees.

LIVING CONDITIONS

At Clemson cadets live in barracks under military discipline. A cadet must at all times be present or accounted for. The barracks or dormitories are divided into "halls" for military purposes, a unit being assigned to a hall under the supervision of a cadet officer.

Cadet officers remain on duty both day and night at the guard room, in which is located a long-distance telephone with twenty-four hour service.

Each student room is equipped with necessary furniture. The beds are single width. Bed linen, bed covers, pillows, and towels must be furnished by the students. All students are required to provide themselves with two laundry bags.

The dining hall, or mess hall, is located in Barracks No. 1. It is equipped and is under the supervision of the mess officer. The kitchen and cold storage plant are among the best in the South. All students living in the barracks eat in the dining hall.

Three hundred and forty-eight houses for veteran students with families are also provided. These houses are the prefabricated type and are equipped with space heater, cooking range, hot water heater and ice boxes. Furniture for the homes is available at a low rental rate. Applications should be submitted to the Clemson Housing Project, located in the Administration Building.

RESERVE OFFICERS' TRAINING CORPS

All cadets of the college are required to take military training. Subject to the allotment of sufficient funds by the War Department and to the maintenance of good records by cadets, all physically qualified cadets of Clemson College are members of the Reserve Officers' Training Corps during the first two years of residence, unless they have completed the basic course in other senior units. Qualified veterans of World War II are excused from all military functions, but may elect to become a member of the ROTC with permission of the PMS&T.

The Department of the Air Force and the Department of the Army maintains a Senior Division of the ROTC at Clemson Agricultural College. This institution is classified by the Department of the Air Force and the Department of the Army as a Military College. The mission of the Reserve Officers Training Corps is to produce junior officers who have qualities of leadership and attributes essential to their progressive and continued development as officers in the Air Force and Army of the United States. The Military Department at Clemson Agricultural College places emphasis upon leadership to assist Clemson men in meeting any situation in life with success and honor.

The Department of the Air Force maintains two branches at Clemson as follows: Air Force Maintenance and Air Force Transportation.

The Department of the Army maintains six branches at Clemson as follows: Armored Cavalry, Engineers, Infantry, Ordnance, Quartermaster and Signal Corps.

The ROTC at Clemson consists of two parts; the Elementary Course (Freshmen and Sophomore Military Science) and the Advanced Course (Junior and Senior Military Science). The Elementary Course consists of two hours of scheduled classroom work; two hours of drill and one hour of inspection per week. This course of instruction is applicable to the Army as a whole and is not specialized for branches of the Army. The Advanced Course consists of four hours of scheduled classroom work, two hours of drill and one hour of inspection per week. This course is specialized training applicable to a particular branch of the

service. For each semester Elementary ROTC training successfully completed, the student receives one credit hour and for each semester Advanced ROTC successfully completed, the student receives three credit hours—all of which are counted as approved credits in the curricula toward a degree.

Summer Camp. Members of the Advanced Course are required to attend camp one summer, normally between the junior and senior years. All students going to camp receive mileage for the round trip from school at the rate of five cents per mile, and are messed, housed, uniformed, and given medical attention at government expense while at the camp. The duration of camp is six weeks and it begins about June 15 each year.

The military training will consist of practical and theoretical instruction of a specialized branch-type, emphasizing field work and special equipment that cannot readily be housed or maintained on the campus. In addition to this training, the student has an opportunity to participate in healthy outdoor sports of all kinds and in competition with young men from other colleges. A well-arranged religious program is conducted at each camp by experienced chaplains.

Distinguished Military Graduates. Those students who have completed the prescribed ROTC course and who have been selected by the President of Clemson Agricultural College and the PMS&T may be designated by the PMS&T as Distinguished Military Graduates, if they have acquired outstanding grades in Military Science courses and possess outstanding qualities of leadership, character and aptitude for military service. Such Distinguished Military Graduates may apply for an appointment as a Second Lieutenant in the Regular Air Force or Regular Army.

Enrollment and Continued Requirements. The general requirements for enrollment and continuance in the ROTC are that the student be a citizen of the United States, physically qualified as prescribed by the War Department, accepted by the institution as a regularly enrolled student, be not less than fourteen years of age and must not have reached twenty-three years of age at the time of enrollment except for veterans of World War II enrolling at college prior to January 1, 1950; in addition, the student must

successfully complete such general survey screening tests as are given to determine eligibility for admittance to the elementary and advanced courses and agree in writing upon admission to the Advanced ROTC course to complete the course of instruction offered unless released by the War Department. Should a student fail to continue the prescribed course while a student at Clemson College, he may be required to refund to the Government any sums previously paid. The contract will expire if the student's attendance at school is interrupted for more than two calendar years. All students formally enrolled in the Advanced Course must not have reached twenty-seven years of age at the time of enrollment.

Emoluments. Elementary students are paid commutation in lieu of uniforms at the rate of $9.00 per year (freshman and sophomore years).

Advanced students are paid commutation in lieu of uniform at the rate of $94.77 for the entire Advanced Course (both junior and senior years combined), and in addition commutation in lieu of subsistence at the rate of $0.79 for a total of not to exceed 570 days during Junior and Senior years. In considering emoluments of Advanced students, it should be remembered that they are paid for service at summer camp at the rate of private in the Army; at present this amounts to a little over $100.00.

ROTC subsistence allowance is paid to veterans who are enrolled in the Advanced Course in addition to subsistence allowance under Section 400(b), Serviceman's Readjustment Act of 1944.

Texts and Equipment. The Federal Government will provide the necessary texts and equipment to carry out the ROTC program.

Band. The Corps of Cadets has a splendid band composed of about one hundred members; it is organized as a cadet company. Both the War Department and the college have provided instruments; however, potential members of the Band are encouraged to bring their instruments to college with them. The college is fortunate in having an accomplished director to train the Band.

Rifle Team. A rifle team chosen through individual competition is selected to represent the ROTC in Hearst Matches, Army Matches, and in matches with other colleges and universities throughout the country. Shoulder-to-shoulder matches are fired each year. The firing is conducted with modern small-bore target rifles on an indoor range.

STUDENT HEALTH SERVICE

The Surgeon, who has complete charge of the hospital, is one of the regular officers of the College, and his special duty is to look after the health of the students.

At a specified time every day, students who desire may consult the Surgeon, and those who are admitted to the hospital are cared for by experienced nurses in the college hospital. In case of necessity students are allowed to consult the Surgeon at any time, or to send for him in an emergency.

The Surgeon cannot undertake to notify parents every time a student reports to the hospital for medicine, or for rest on account of some slight complaint. However, they may rest assured that they will be notified at once of sickness of any consequence.

The medical fee paid by each student is intended to cover all ordinary cases of sickness and their treatment. It is not intended to cover fees of doctors or specialists called into consultation, for performing operations, for special nurses, or for any medical or surgical attentions performed away from the College; and the College does not assume any responsibility for accidents that happen away from the College. Such expenses must be borne by the parents. The right of the College Surgeon, with the approval of the President of the College, to incur in behalf of any student under his care any of these extra services is hereby expressly reserved.

RELIGIOUS INFLUENCES

Clemson cooperates with the various churches and the Y. M. C. A. in the religious training of its students. The Y. M. C. A., located on the campus, provides accommodations for all denominational groups not having church homes on the campus and is

used a great deal by campus church groups, often because it is so convenient and accessible. Numerous union services and cooperative meetings of young people's societies of the campus churches, of the Y. M. C. A. Councils, and Cabinet afford a united front for religious services.

Five denominations: Baptist, Episcopal, Methodist, Presbyterian, and Roman Catholic, have erected churches in the community. Arrangements are made for services for students of other denominations. Sunday schools and young people's church societies are maintained by the local churches. Attendance upon the services of these organizations is voluntary.

Courses in Religion, which are credited as free electives, are offered. This work is not financed by the College. For information regarding these courses see the description of courses.

HISTORICAL STATEMENT

In 1889, the General Assembly of South Carolina accepted the bequest of Thomas G. Clemson, which set aside the bulk of the Clemson estate for the founding of a scientific and technical college. The institution was also established under the Morrill Land-Grant Act passed by the National Congress in 1862. Clemson College, therefore, is the Agricultural and Mechanical College of South Carolina and is a member of the national system of Land-Grant Colleges and Universities.

The nature of the institution is outlined in Mr. Clemson's will and its acceptance by the legislature.

The will in part reads:

"Feeling a great sympathy for the farmers of this State, and the difficulties with which they have to contend in their efforts to establish the business of agriculture upon a proper basis, and believing that there can be no permanent improvement in agriculture without a knowledge of those sciences which pertain particularly thereto, I have determined to devote the bulk of my property to the establishment of an Agricultural College upon the Fort Hill Place. My purpose is to establish an Agricultural College which will afford useful in-

formation to the farmers and mechanics; therefore it should afford thorough instruction in agriculture and the natural sciences connected therewith; it should combine, if practicable, physical with intellectual education; and should be a high seminary of learning in which the graduate of the common schools can commence, pursue and finish a course of studies terminating in thorough theoretic and practical instruction in those sciences and arts which bear directly upon agriculture. * * * * but to always bear in mind that the benefits herein sought to be bestowed are intended to benefit agriculture and mechanical industries. * * * * I trust I do not exaggerate the importance of such an institution for developing the material resources of the State, by affording its youth the advantages of scientific culture.

"The desire to establish such a school or college, as I have provided for in my said last will and testament, has existed with me for many years past, and many years ago I determined to devote the bulk of my property to the establishment of an Agricultural School or College. To accomplish this purpose is now the one great desire of my life."

This will gave all that part of the Fort Hill Estate inherited by Mrs. Clemson from her mother and the bulk of Mr. Clemson's other real and personal property. The latter amounted to a sum, which, considering the purchasing power at the time, probably has been only a few times exceeded in a public benefaction in South Carolina.

A Board of Trustees of seven members was provided for: R. W. Simpson, D. K. Norris, M. L. Donaldson, R. E. Bowen, B. R. Tillman, J. E. Wannamaker, and J. E. Bradley, who with those chosen by the General Assembly, should constitute a governing board in case the State accepted the bequest; but, who, in case the State declined the bequest, should alone constitute a governing board for a private institution.

These seven trustees, along with other friends of the movement, and the agricultural groups in the State developed and organized a public opinion favorable to the plan.

In November, 1889, the General Assembly of South Carolina accepted the terms of the will, and, following the decision

of the United States Supreme Court to uphold the will, the State of South Carolina and the full Board of Trustees proceeded to convert the dream of Thomas G. Clemson into the reality of Clemson College.

The College was formally opened in July, 1893, with an enrollment of 446 students. The first graduating exercises were held in December, 1896, with a graduating class numbering thirty-seven—fifteen in the agricultural courses and twenty-two in the engineering courses.

LOCATION

The College is located on the Fort Hill homestead of John C. Calhoun, in the foothills of the Blue Ridge Mountains. It has an elevation of 800 feet above sea level and commands an excellent view of the mountains to the north and west, some of which attain an altitude of over five thousand feet.

The College is located at Clemson, S. C., on the main line of the Southern Railway, and four miles from Pendleton, on the Blue Ridge Railway. State Highways numbers 13 and 28 pass through Clemson, and daily bus service at regular intervals is available.

CLEMSON COLLEGE ALUMNI CORPORATION

The Alumni Corporation has established a permanent office on the campus. The office is in charge of a secretary, who is elected by the Board of Directors of the Corporation. The Clemson office is a clearing house for all matters concerning the alumni. In addition to keeping accurate records of addresses and information concerning alumni, the Corporation has established at the Clemson headquarters a bureau for repairing Clemson class rings, and for securing duplicates of these rings.

The Corporation holds its regular annual meeting at the College on Saturday of Commencement. At this meeting all officers are elected. The Secretary is elected by the Board of Directors which is in turn responsible to the general Corporation for the conduct of its business. The purpose of the Alumni Corpora-

tion is to serve the College and the alumni in every possible way. All correspondence regarding its affairs is conducted through the Clemson office.

Graduates and former students are requested to keep the Alumni Office informed as to change of address, occupation, and other matters that will be of interest to those in charge of Alumni Records and mailing lists.

The Alumni Corporation is now raising a fund to be used in educating the sons and daughters of Clemson men who were killed in World War II. The fund now stands at approximately fifty-thousand dollars. Anyone interested in contributing to this fund should contact the Alumni Secretary, Clemson College, Clemson, South Carolina.

The Alumni Corporation is also raising a fund as an endowment for the College, known as the Clemson College Foundation. This fund will be used for the benefit of Clemson College, its students, faculty and alumni.

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PART III

Student Life And Activities

PART III—STUDENT LIFE AND ACTIVITIES

CADET MILITARY ORGANIZATION

Clemson College is operated as a military school,—not for the purpose of making soldiers, but in order that the students may learn the importance of loyalty and obedience to authority, and acquire the habit of being courteous, systematic, and punctual.

The military system places every student on an equal standing. All cadets wear the uniform, live under the same conditions, and are subject to the same privileges and restraints.

The military system does not in any way interfere with the regular college work, but on the other hand enables it to maintain a higher level of efficiency. Military training is a feature that gives to Clemson's graduates an advantage which is an important factor in their future progress and success.

CLUBS AND SOCIETIES

Honor Fraternities. Honor scholarship organizations, including Tau Beta Pi, Sigma Tau Epsilon, Phi Psi, Alpha Zeta, Alpha Tau Alpha, Iota Lambda Sigma, Alpha Chi Sigma, and the Minaret Club, give recognition to superior work done by Engineering, Arts and Sciences, Textile, Agricultural, Agricultural Education, Industrial Education, Architecture, and Chemistry students respectively.

The Phi Kappa Phi, honor society, and the Phi Eta Sigma fraternity both have chapters at Clemson. The former is an all-college honor organization composed of members of the senior class. The latter is a freshman organization with members selected from students who attain a high scholastic standing during the first semester of the freshman year.

The military activities of the cadet officers of the corps are recognized in membership in the Society of Scabbard and Blade, a national military honor fraternity. The Pershing Rifles, a national honorary military organization, also has a chapter at Clemson.

The Blue Key, a national fraternity based upon leadership, has a chapter at Clemson, as does Alpha Phi Omega, a national fraternity for former Boy Scouts. The Tiger Brotherhood is a local organization at Clemson which stresses the qualities of leadership.

Student Clubs. Students majoring in various courses of instruction have organized clubs. Among such clubs are included the Agricultural Economics Society, the Dairy Club, the Horticultural Club, and Iota Epsilon (Industrial Education) and the Animal Husbandry Club.

The Calhoun Forensic Society and the Strawberry Leaf promote literary activities among the students; and the Gamma Alpha Mu recognizes superior journalistic service rendered by students.

The Y. M. C. A. and the Clemson Churches are recognized through organizations of the Baptist Student Union, Brandeis Club, Canterbury Club, Newman Club, Presbyterian Students Association, Wesley Foundation, Y. M. C. A. Cabinet, and the "Y" Council representing each of the four classes.

Engineering Societies. Outstanding students majoring in engineering courses are selected for membership in the Student Chapter of the American Institute of Electrical Engineers, American Society of Mechanical Engineers, American Society of Civil Engineers and the American Society of Agricultural Engineers.

Music Activities. The Clemson College Glee Club is composed of approximately sixty students under the musical leadership of the Director of Music. The organization performs the best in choral literature and makes appearances at various student functions on the campus. Students interested in the organization may become members by satisfactorily completing a simple audition. Previous experience and the ability to read music are not required.

In the spring of each year, the Glee Club makes a short tour of nearby institutions. Another highlight of the year is the participation by the Glee Club in a three hundred voice mixed choir of South Carolina College students in a performance with

the Southern Symphony Orchestra. This concert is given annually in Township Auditorium, Columbia, South Carolina.

The Senior Platoon. The Senior Platoon is a Fancy Drill unit composed of cadet officers of the Senior class. This Platoon was activated in 1931 for the purpose of increasing proficiency and developing pride among the cadet officers. Frequent exhibitions of fancy drill are given by this Platoon at football games and other celebrations and ceremonies.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

The Y. M. C. A. partakes of the nature of a small city Y. M. C. A. While it is recognized as a student association, the tremendous volume of community service undertaken in the building might easily qualify it as a community building. The Athletic Association has granted permission for the Y. M. C. A. to sponsor basketball and volley ball games in the Field House. Hundreds of basketball and volley ball games are participated in by students, Faculty, Campus children, and visitors from neighboring communities. Saturday morning games are sponsored for children of the community. A picture program is provided for boys and girls of the community as well as students and the swimming pool is available during the winter and summer months for campus children and visitors such as scout groups, 4-H groups, FFA and others. Social functions sponsored by the Y. M. C. A., or with the Y. M. C. A. cooperating, and Open House programs are almost daily occurrences in the club rooms, scout rooms, and cabinet rooms. It is here that many visiting groups are entertained with, and for, students and campus organizations. Evening Watch prayer group, forum groups, freshmen, sophomore, junior, and senior councils all cooperate with, and under, the leadership of the Y. M. C. A. senior cabinet to make possible a real spiritual and mental development in the lives of all the students. Sixty-two faculty members and others visited with students in their evening watch or forum meetings in barracks last year and many student leaders took part in these meetings.

The Y. M. C. A. has supervision of voluntary religious activities of the students and endeavors to contribute to the religious, social, and physical life of the college community.

There are two Vesper services in the Y. M. C. A. auditorium each Sunday. Usually 400 or more attend the afternoon Vesper and often 550 or 600 attend the evening Vesper. Outstanding speakers and many visiting deputation groups are supplemented by local speakers, ministers, and campus leaders. Many educational, news, and travel reels are shown for the students over the weekend. In recent years a number of outstanding speakers have returned to the campus. Included in this group have been many graduates of Clemson who have achieved distinction in the field of education, religion, industry, science, and agriculture.

The college swimming pool at Clemson is located in the Y. M. C. A. Swimming classes, life saving, and instructor's courses are given. Members of the freshman and varsity swimming teams train here and many company swimming meets are scheduled. The pool is heated throughout the winter months and it is filtered and chlorinated with electric equipment.

Intramural athletics are encouraged and sponsored by the Physical Education Department and the Y. M. C. A. All of the companies with military organization and athletic officers have teams in such sports as basketball, volleyball, swimming, baseball, and soccer. These competitive games receive hearty support from many students and afford an opportunity for active participation. Practically all of the students at Clemson participate in some form of recreation or an intramural sport. Quite a number take part in many intramural sports. Participation is voluntary, but the majority of the students take advantage of this opportunity for wholesome recreation and physical direction. A director and trained student leaders are provided by the YMCA and these cooperate with A & R officers and with interested veterans.

ATHLETICS

It is the policy of the College to sanction and encourage athletics so long as participation does not interfere with studies and other duties. Football, baseball, basketball, and track are the most popular sports.

The College is a member of the Southern Conference and

order to participate in inter-collegiate athletics, the student must meet the requirements of the Southern Conference as well as the requirements of the College.

No member of an athletic team is eligible for a managerial position in any other branch of sport.

No team is allowed to leave the College grounds to participate in any match game unless accompanied by the authorized coach or other member of the faculty, who shall be responsible to the College for the conduct of the players while away.

No student is eligible to participate in an inter-collegiate contest who is away from the College without proper authority or without having complied with all the rules or orders issued by the President regarding such matters.

MEDALS AND HONORS

Trustees' Medal. The Board of Trustees has provided for a gold medal to be awarded annually at Commencement to the best speaker among the representatives of the literary societies.

The medal was awarded in 1948 to Harold Fochone Landrith, of Seneca, South Carolina.

Norris Medal. The following is from the will of the Hon. D. K. Norris, a life trustee of Clemson, who died in 1905:

"I give $500 face value, Norris Cotton Mill stock . . . on condition the dividend thereon shall be applied annually to the purchase of a gold medal, to be known as the 'Norris Medal', to be awarded to the student of Clemson meriting the same at graduation, under such rules and conditions as may be prescribed by the said Board of Trustees, and which medal shall have engraved on it 'Honor habet onus' (Honor brings responsibility)."

In 1948 this medal was awarded to James Henry Walker, III of Griffin, Georgia.

R. W. Simpson Medal. A medal designated as the "R. W. Simpson Medal" is awarded annually to the best drilled cadet in the freshman, sophomore or junior class.

In 1948 the medal was awarded to Guinn R. Timmerman of Charleston, South Carolina.

Andrew Pickens Medal. An award designated as the Andrew Pickens Medal is awarded annually to the outstanding cadet in Military achievement, leadership, soldierly bearing and loyalty.

In 1948 this medal was awarded to Brice Elliott Lytle of Fort Mill, South Carolina.

Arnold R. Boyd English Honor Key. Arnold R. Boyd, '14, now a lawyer in New York, donates this Honor Key annually to the student in the graduating class who makes the best record in English during his college course.

In 1948 this award was given to Harold Fochone Landrith of Seneca, South Carolina.

Architect's Medal. The South Carolina Chapter of the American Institute of Architects each year awards a medal to the outstanding junior or senior in Architecture.

In 1948 the medal was awarded to Melzar Pegram Booker of Clemson, South Carolina.

Agricultural Certificates of Merit. Beginning with the session of 1914-1915 certificates of merit have at times been awarded to two farmers in South Carolina who have rendered distinguished service in the agricultural development of the State.

National Association of Cotton Manufacturers Medal. For several years this medal has been awarded to the outstanding graduate in Textile Engineering, both in February and in June.

In 1948 these awards were given to William Stillwell Vincent of Spartanburg, South Carolina, and Robert Erwin Christenberry of Greenville, South Carolina.

The American Association of Textile Chemists and Colorists Award. This award for the best work done in Textile Chemistry and Dyeing by a member of the graduating class was given in 1948 to John M. Nesius, Utica, New York.

Phi Psi Award. This award is made by the National Honor Council of the Phi Psi Textile Fraternity to the textile graduate who has attained the highest scholastic record in textile courses.

In 1948 this award was given to James Henry Walker, III of Griffin, Georgia.

Anderson Fellowship. This fellowship, providing the sum of $400 annually for pursuing graduate study in agriculture, was awarded in 1948 to Leon Hunter Moore of York, South Carolina.

Quartermaster Association Annual Awards. The Quartermaster Association, Washington, D. C., sponsors annual awards to the outstanding First Year Advanced Quartermaster Cadet and to the outstanding Second Year Advanced Quartermaster Cadet. The outstanding First Year Advanced Quartermaster Cadet receives a medal of appropriate design upon which is superimposed the insignia of the Quartermaster Association. The outstanding Second Year Advanced Quartermaster Cadet will be presented a scholastic key of similar design.

Candidates for the awards will be selected by the Professor of Military Science and Tactics and the Quartermaster ROTC Instructor.

Ordnance Association Annual Award. The Ordnance Association, Washington, D. C., sponsors annually an award to the outstanding Second Year Advanced Ordnance Cadet. This cadet will be selected by the Professor of Military Science and the Ordnance ROTC Instructor.

James Lynah Merit Awards. Income from fund established by Mr. James Lynah in memory of distinguished professors who were teaching at Clemson when the members of the Class of 1902 were undergraduates shall be used to grant prizes. A sum of money not to exceed the income shall be alloted equally to five young men out of each graduating class who in the opinion of the faculty meet the specific requirements.

The 1948 recipients of the awards of $50 each were: The Mark Bernard Hardin prize in Chemistry to Francis Baird Hutto, Jr. of Jacksonville, Florida. The Charles Manning Furman prize in English to Harold Fochone Landrith of Seneca, South Carolina.

The William Shannon Morrison prize in History to Harold Fochone Landrith of Seneca, South Carolina. The Walter Merritt Riggs prize in Electrical Engineering to Henry Thompson Cannon, Jr. of Newberry, South Carolina. The Augustus G. Shanklin prize in Military Science and Tactics to Alfred Burgess Robinson of Easley, South Carolina.

Sears-Roebuck Award. An award of $200 given to the Sophomore who makes the highest scholastic average as a Freshman Sears-Roebuck Scholar.

The Borden Agricultural Scholarship. The Borden Company Foundation awards annually the sum of $300 to the eligible Senior achieving the highest average grade on all college work preceding the Senior year. To be eligible for this award, the student must have included in his curricula two or more Dairy subjects.

In 1948 this award was given to William McKay of Hendersonville, North Carolina.

Alpha Zeta Award. An annual award given to the sophomore in agriculture having the highest grade-point ratio for the first three semesters. This award was first given in 1947 and the recipient was Samuel Parker Young of Dalzell, South Carolina.

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PART IV

Organization And Government

PART IV—ORGANIZATION AND GOVERNMENT

ADMINISTRATIVE ORGANIZATION

Board of Trustees. The government of the College is vested in a Board of thirteen members, six of whom are elected by the Legislature, and seven life and self-perpetuating under the Clemson will. The function of this Board is legislative and not executive. The Board determines the general policy of the College, makes the laws for its government, and directs the expenditure of its funds.

The President is the chief executive and administrative officer appointed by the Board of Trustees. He is the head of the College and is responsible for its satisfactory working and success.

The College is divided into schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education. A dean is at the head of each school and is responsible to the President for its conduct and success. The schools are comprised of departments. Each department is in charge of a professor who acts as its head. The President conducts all official business with each department through its dean.

The Faculty consists of all officers of instruction in the College. The voting members are the deans, professors, associate professors, and assistant professors.

The faculty meets once a month, or whenever called by the President, and is an advisory body to the President, on the instructional work of the College and such other business as he may bring before it.

The deans and directors of the various schools and departments meet weekly or when called by the President for consideration of matters affecting the welfare of the College. Departmental faculty meetings are held periodically.

Faculty Committees. In order to aid him in his executive duties and to carry on the instructional work of the College,

the President appoints committees from the faculty. To these are assigned certain specified lines of work and the committees are clothed with full authority.

MILITARY ORGANIZATION

The President. The President of the College shall have general command and government of the institution, watching over its administration, discipline, and instruction. He shall have authority to make rules from time to time, governing the granting of permits and furloughs to cadets; to inspect anything in a cadet's room or personal baggage; to suspend or modify these regulations, or to publish special regulations when he considers it necessary, which shall have the authority of the Board of Trustees until they shall act on the same. He shall prescribe the hours of study, drill, and recreation.

Commandant. The Commandant of Cadets, under the President, has supervision of the discipline of the Corps of Cadets. He shall prescribe the order in which the furniture, bedding, books, clothing, equipment, etc., shall be arranged throughout the barracks and shall make a thorough inspection of the rooms, furniture, arms, equipment and uniforms of the cadets at least once each week. He shall have the right to inspect anything in a cadet's room or personal baggage. He shall perform such other duties as are prescribed in the regulations. He shall have the rank of Colonel.

Assistant Commandants. The Assistant Commandants shall perform such duties as may be prescribed for them by the President or Commandant.

Military Instruction. All students, excepting such students as are excused by the President, must take a minimum of three hours military instruction per week during the first three years. All who pass the required physical examination must take the Elementary Course prescribed by the War Department for the R. O. T. C. during their freshman and sophomore years.

Cadet Officers and Non-commissioned Officers. The cadet officers and non-commissioned officers are appointed by the Pro-

fessor of Military Science and Tactics, subject to the approval of the President. When practicable they shall be appointed from members of the R. O. T. C. who have been most studious and soldier-like in the performance of their duties and most exemplary in their conduct. No cadet may decline any office to which he may be appointed.

As a rule the officers shall be appointed from the senior class; the non-commissioned officers, except corporals, from the junior class; and the corporals from the sophomore class.

Study Hours. Study hours are those parts of the day which are designated for study and shall be prescribed in orders. All hours at which a student has no classes or other duties may be used as study hours and students are expected to use vacant hours during the day as well as the assigned period after supper for study.

Furloughs. Every cadet is responsible for his class absences whether he is on a furlough or at the College. Restrictions regarding class absences are explained in the class attendance regulations. Any cadet who has been granted a furlough and who stays over the time stipulated, unless for sickness or other reason acceptable to the Commandant, will be administered a punishment not to exceed one month's arrest and twenty demerits. In case a cadet is prevented by sickness from returning at the stipulated time, he must submit a certificate from his attending physician. However, no such certificate will be accepted unless the President or the Commandant has been notified in advance of the expiration of the furlough.

Cadets returning late on furlough are placed in room arrest pending an investigation of the reason of the late return.

All communications from parents requesting furloughs for their sons must be addressed or sent directly to "The Commandant," and must set forth fully the reason for the request. No furlough will be granted unless the reasons given are considered satisfactory and sufficient justification for any loss of time from college duties; every student is held responsible for his class absences in accordance with the provisions of the class attendance regulations. Telegrams which do not explain fully will not be

accepted as complying with the rules. In any case in which business is given as a reason, the nature of the business must be explained fully.

A parent has the right to demand a discharge from College at any time and for any reason, but the College authorities reserve the right to grant or refuse furloughs.

Week-End Leaves. Week-end leaves will be granted under conditions prescribed by the President.

Demerits. Any regular cadet who may receive within any one semester more than 90 demerits during his freshman year, or more than 70 demerits during his sophomore year, or more than 60 demerits during his junior year, or more than 50 demerits during his senior year; or any day cadet who may receive within any one semester more than 80 demerits during his freshman year, or more than 60 demerits during his sophomore year, or more than 50 demerits during his junior year, or more than 40 demerits during his senior year shall be required, by the President, to withdraw immediately from College.

Discharge. No cadet unless twenty-one years of age and paying his own way at college shall be honorably discharged except on the written application of his parents or guardian addressed to the President, or for reasons satisfactory to the President.

SCHOLASTIC REGULATIONS

1. *Credits.* The semester hour shall be the basis of all credits. One recitation hour or three laboratory or shop hours a week constitute a semester hour. The standing of a student in his work at the end of a semester shall be based on daily class work, tests or other work, and the final examinations. Written examinations shall be required in all subjects at the end of each semester, except in certain laboratory or practical courses where not deemed necessary by the department faculty. A semester grade once reported to the Registrar shall be the final grade for the period covered.

2. *Grading System.* The grading system is as follows:

A—*Excellent.* Indicates that the student is doing work of a very high character. The highest grade given.

B—*Good.* Indicates work that is satisfactory, though not of the highest order.

C—*Fair.* Indicates work of average or medium character.

D—*Pass.* Indicates work below average and unsatisfactory. The lowest passing grade. For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required.

E—*Conditioned.* Indicates a failure to satisfy the requirements as to daily recitations, tests or other work, as well as to the final examination, which condition in the opinion of the instructor may be made up by reexamination at some fixed time.

F—*Failed.* Indicates that a student knows so little of the subject that it must be repeated in order that credit may be received.

I—*Incomplete Work.* Indicates that a relatively small part of the semester's work remains undone. A Grade I is not to be given a student who has made a grade F on his daily work.

"I-Abs. Ex." Indicates absence from examination on account of sickness or other satisfactory reason.

WP—*Withdrew Passing.* This grade indicates that the student withdrew from the course while doing satisfactory work. The credit hours of a subject on which the grade of WP is received are counted as credits taken in computing the student's grade point ratio.

WF—*Withdrew Failing.* Indicates that the student withdrew from the course while doing unsatisfactory work. The credit hours of a subject on which the grade of WF is received are counted as credits taken in computing the student's grade-point-ratio.

Reports and Grades. Semester reports are mailed to parents after the end of each semester (usually within two or three weeks.) Mid-semester reports do not form a part of the perma-

nent record in the Registrar's Office, but are sent to parents for their information.

Grade Points. Nine grade points are assigned for each credit hour on which the student receives the grade of A; six grade points for each credit hour of grade B; and three for each credit hour of grade C. No grade points are assigned for grades D. E. or F. In calculating a student's grade-point ratio, the total number of grade points accumulated by the student is divided by the total number of credit hours taken by the student during the semester, session, or other period for which the ratio is calculated.

Dropping Class Work. A subject dropped after the first four weeks of class work is recorded as "Withdrew Passing" or "Withdrew Failing" depending upon the student's grade in the course at the time the subject was dropped.

Upon the recommendation of the instructor and the dean concerned, a student's standing will be investigated and he may be required to drop a subject because of neglect, or lack of application or preparation. No student will be dropped under this rule without approval by the President.

Removal of Grade I. All incomplete grades (I's) for a semester not removed within thirty days after the beginning of the next semester shall become F's unless an extension of time is approved by the instructor concerned and the Registrar.

A student who, for reasons satisfactory to the faculty, is absent from any examinations will be graded I-Abs. Exam. and will be allowed to make up these examinations at such time as is designated for this purpose.

3. *Academic Standards.* Proper discharge of all duties is required at Clemson College, and a student's first duty is his scholastic work. All students should be thoroughly acquainted with and cognizant of these basic requirements.

Minimum Requirements to Continue Enrollment. A student in his first semester of attendance in college to be eligible to continue his enrollment must pass a minimum of six semester credit hours* of work.

A student in his second semester of attendance in college to be eligible to continue his enrollment must pass a minimum of nine semester credit hours* of work.

A student in his third or any later semester of attendance in college to be eligible to continue his enrollment must pass a minimum of twelve semester credit hours* of work.

Any student who fails to meet these minimum standards will be suspended for at least a semester.

Class Attendance Regulations. The class attendance regulations are as follows:

A. For Students Classified as Freshmen.

(1) While a student's first duty in college is his class work and except for special reasons any student should be in every class on schedule, the college recognizes several justifiable reasons for class absences and authorizes absences for these. In addition, restricted provision is made for a few minor personal emergencies. Rigid penalties are provided for abuse of these regulations.

(2) Absences for the following will be officially authorized:

(a) Sickness. Certified by the college surgeon on the hospital report or by another doctor and endorsed by the college surgeon.

(b) Guard Duty. Certified by the Commandant as the guard detail for the day.

(c) Official representation in intercollegiate athletic contests. Certified by the head coach and proper forms submitted in advance to the Attendance Officer.

(d) Educational trips. Certified by the dean of the school concerned and proper forms submitted in advance to the Attendance Officer.

(e) Personal emergencies of a serious nature, such as death or serious illness in the family, emergencies such as make it absolutely necessary that the student be absent from college, and

*These minimum totals shall be exclusive of courses graded E and exclusive of courses graded I unless there are extenuating circumstances for the I.

very serious emergencies while on the campus. Approved in advance by the Commandant for ROTC students or by the Attendance Officer for veteran students not in the military organization.

(3) To provide for minor personal emergencies a student will not be penalized for one unauthorized absence per semester in each course. These are not to be regarded as "cuts." For any additional unauthorized absence, the student will be dropped from the course.

(4) Any student, who by being dropped for excessive absences, reduces his load below twelve semester credit hours shall be suspended from the college at least for the remainder of that semester and the semester following.

(5) Students shall not request instructors to excuse them from class or to change class periods or examinations. Instructors have no authority to grant such requests. All class work missed on account of authorized absences shall be made up to the satisfaction of the instructor concerned. Instructors will not be obligated to permit a student to make up any work missed during unauthorized absences. If the unauthorized absence is from a previously announced quiz or examination, the student will not be permitted to make that work up and will be given a grade of zero on that assignment.

(6) A student, who for any reason including emergencies as well as sickness and authorized missions, is absent from more than the equivalent of four weeks' work in a subject will be dropped from the subject unless his continuance is authorized by the President's Council.

(7) These regulations will be administered by The Class Attendance Officer.

B. For Students Classified As Sophomores or Higher.

For students who are classified as sophomores or higher more responsibility is placed on the student, and no specific penalties for individual class absences are prescribed. Daily reports of all absences will be recorded. After warning, the Attendance Officer will report any cases of habitual negligence or other abuse of privileges. A student whose record, attendance

or scholastic, is generally unsatisfactory may be required to withdraw from the college at any time. To be eligible to continue his enrollment any student who has been in college two or more semesters must pass in each semester a minimum of twelve semester credit hours of work (exclusive of courses graded E and exclusive of courses graded I unless there are extenuating circumstances for the I).

4. *Promotion and Classification.* Effective in September, 1947, and so long as the institution reclassifies students every semester, the following new classification rules will apply:

A. To be classified as a senior, a student must have completed sufficient scholastic work toward his degree to enable him to complete the requirements for graduation by completing not more than 42 additional credits. To be classified as a senior, a student must also have earned twice as many grade points as the minimum number of credit hours required in his case for senior classification.

B. To be classified as a junior, a student must have completed at least 64 semester credit hours and must have earned at least 128 grade points.

C. To be classified as a sophomore, a student must have completed at least 30 semester credit hours.

D. All new students are classified as freshmen unless they have attended another college prior to entrance and have completed sufficient scholastic work as to enable them to complete the requirements for graduation from Clemson in not more than three regular sessions.

E. *Requirements for Graduation.* For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required. All work must be completed before 5 P. M. on the Thursday preceding Commencement. Residence of at least one regular session shall be required for graduation.

F. *Seniors Failing to Graduate.* A senior who fails to graduate because of one F on a subject or one or more grades of E or I shall have an opportunity of removing the unsatisfactory grades

by examination after commencement provided that he can furnish evidence of having done satisfactory study. A senior who qualifies for graduation under this regulation will be awarded his degree on the next regular date for the award of degrees.

5. *Removal of Conditions.* Only one opportunity shall be given a student to remove a condition (E) by a reexamination. A student who fails to pass such a reexamination shall be required to repeat the subject hour for hour in class. Not more than twelve credit hours of conditions for a session shall be removed by reexamination. A student shall not receive a grade higher than D when a deficiency is removed by reexamination.

Reexaminations shall be held as scheduled by the schedule committee. All conditions (E's) not removed during the time set aside for reexaminations shall become failures.

6. *Removal of Failures.* A student who has failed (made a grade F) in a subject cannot receive credit for that subject until it has been satisfactorily repeated hour for hour in class, except that in the case of correlated laboratory work, the number of hours to be taken shall be determined by the instructor. Where separate grades for class and laboratory work are given, that part of the subject shall be repeated in which the failure occurs.

7. *Special Examinations.* Any request for a special examination must be approved by (1) the instructor concerned, (2) the head of the department concerned, (3) the dean of the school, and (4) the registrar.

8. *Maximum Credit Load.* The normal schedule for a student includes only as many credit hours as are required for the class and course in which he is registered. Students should schedule this amount of work unless their credits are restricted as a result of a poor scholastic record. Students are advised not to exceed the normal schedule except upon approval by the class advisor.

The number of credits which a student may schedule during either semester of the session is governed by his grade point ratio—the most recently calculated cumulative or semester ratio,

whichever is higher: Until such time as a grade-point ratio is available, a freshman is restricted to the requirements of his course or to 20 semester hours, whichever is higher.

Grade-Point Ratio Required	Maximum Credit Hours Which May Be Scheduled
0.00 to 0.99	18
1.00 to 1.99	19
2.00 to 2.99	20
3.00 to 3.99	21
4.00 to 4.99	22
5.00 to 5.99	23
6.00 to 6.99	24
7.00 to 7.99	25
8.00 or above	26

If any student schedules excessive credits, he will be automatically dropped from a sufficient number of subjects to reduce his total credits within the limits. If for any reason a student's excessive registration continues throughout the semester, his credit on one or more subjects passed will be cancelled at the end of the semester.

THE

CLEMSON

AGRICULTURAL

COLLEGE

RECORD

PART V

Degrees and Curricula

PART V—DEGREES AND CURRICULA

BACHELORS' DEGREES

The degree of Bachelor of Science is awarded to those students who satisfactorily complete one of the four-year curricula offered under the Schools of Agriculture, Arts and Sciences, Chemistry, Textiles, Vocational Education, and to those students who complete the four-year course in Architecture or Architectural Engineering under the School of Engineering. The five-year course in Architecture leads to the Bachelor of Architecture degree. The degrees of Bachelor of Ceramic Engineering, Bachelor of Chemical Engineering, Bachelor of Civil Engineering, Bachelor of Electrical Engineering, and Bachelor of Mechanical Engineering are awarded to the graduates of these respective four-year courses.

The total semester credit hours required for graduation amount to 150 in each of the regular four-year curricula. These credits include the prescribed subjects in each curriculum and an appropriate number of approved electives or technical electives as outlined in the regular four-year curricula.

For graduation a student must complete his course with such grades as to give him twice as many grade points as the number of credit hours required. Nine grade points are assigned for each credit hour on which the student receives the grade of *A;* six grade points for each credit hour of grade *B*; and three for each credit hour of grade *C*. No grade points are assigned for grades *D*, *E*, or *F*. Candidates for the degrees listed above are required to apply for their degrees at least two months prior to the date the degrees are to be awarded. These applications should be filled out in the Registrar's Office on the regular blanks provided.

All work for a degree must be completed by 5 P. M. on the Thursday preceding graduating exercises. Residence of at least one regular session is required for graduation. Every candidate for a degree must pay to the Treasurer of the College the cost of his diploma before 5 P. M. on the Thursday preceding graduation.

If all work toward a degree is not completed within five years after entrance, the student may be required to take additional courses.

GRADUATE DEGREES

The College offers graduate work in certain fields to properly qualified applicants from this and other institutions. Students interested in graduate work should consult with the chairman of the Committee on Graduate Work, the Registrar, and the Dean of the school or the head of the department concerned.

PROFESSIONAL DEGREES

The College offers the following professional engineering degrees: Civil Engineer, Electrical Engineer and Mechanical Engineer.

The requirements for these degrees are: (a) a Bachelor's degree from Clemson College in one of these three branches in engineering, (b) five years of subsequent professional experience, one year of which must have been in responsible charge of engineering or engineering instruction, (c) the preparation of a thesis demonstrating distinct technical ability. (Detailed information regarding professional degrees may be obtained from the Registrar.)

CURRICULA

Twenty-seven undergraduate curricula are offered under the Schools of Agriculture, Arts and Sciences, Chemistry, Engineering, Textiles, and Vocational Education. The curricula under each school are listed below:

School of Agriculture
- Agricultural Economics
- Agricultural Engineering
- Agronomy
- Animal Husbandry
- Botany
- Dairy
- Entomology
- Horticulture
- Poultry
- Pre-Forestry

School of Arts and Sciences
- Arts and Sciences
- Industrial Physics
- Pre-Medicine

School of Chemistry
- Chemistry

School of Engineering
- Architecture
- Architectural Engineering

Ceramic Engineering
Chemical Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering

SCHOOL OF TEXTILES
Textile Chemistry
Textile Engineering
Textile Manufacturing

SCHOOL OF VOCATIONAL EDUCATION
Education
Industrial Education
Vocational Agricultural Education

While the College is glad to assist all who ask for help in securing employment, it does not guarantee positions to those who complete any of the courses of study.

In the curricula which follow are given the official title and number of the course, the descriptive title, the number of semester hours credit, and in parentheses the number of hours per week in class and laboratory, respectively.

SCHOOL OF AGRICULTURE

Organized under the School of Agriculture are nine curricula, including Agricultural Economics, Agricultural Engineering, Agronomy, Animal Husbandry, Botany, Dairying, Entomology, Horticulture, and Poultry. In general, the work of agricultural graduates may be classified in six rather broad fields: Farming, both general and specialized; agricultural extension service, including county agent work and extension specialists; research, especially work with the agricultural experiment stations; government regulatory work, such as plant inspection with the U. S. Bureau of Entomology and Plant Quarantine; teaching in college after appropriate graduate work is completed; and a host of occupations with commercial concerns, such as seed companies, meat packers, fertilizer companies, florists, canneries, agricultural implement concerns, etc. To illustrate the types of work in which graduates of each curriculum engage, a few of the many occupations of agricultural graduates are given below.

AGRICULTURE

Basic Curriculum

Required of all agricultural students except those in Agricultural Engineering and Pre-Forestry.

Freshman Year

First Semester		*Second Semester*	
A H 101 Types and Breeds	2 (2,0)	Agron 101 Farm Crops	3 (3,0)
A H 103 Types and Breeds Lab.	1 (0,3)	Chem 102 General Chemistry	4 (3,3)
Bot 101 General Botany	3 (3,0)	Engl 102 Comp. and Lit.	3 (3,0)
Bot 103 Gen. Bot. Lab.	1 (0,3)	Math 102 Trigonometry	3 (3,0)
Chem 101 General Chemistry	4 (3,3)	Zool 101 General Zoology	3 (3,0)
Engl 101 Comp. and Lit.	3 (3,0)	Zool 103 Gen. Zool. Lab.	1 (0,3)
Math 101 College Algebra	3 (3,0)	M S 102 Military Drill	0 (0,3)
M S 101 Military Drill	0 (0,3)	M S 104 M. S. & T.—Basic	1 (2,0)
M S 103 M. S. & T.—Basic	1 (2,0)		
	18		18

Sophomore Year

Ag Ec 201 Agric. Economics	3 (3,0)	Agron 202 Soils	3 (2,3)
Ag En 201 Farm Machinery	3 (2,3)	Chem 220 Organic Chemistry	4 (3,3)
Engl 203 Survey of Engl. Lit.	3 (3,0)	Dairy 201 Dairying	3 (2,3)
Geol 201 Agric. Geology	3 (3,0)	Engl 204 Survey of Engl. Lit.	3 (3,0)
Hort 201 Gen. Horticulture	3 (2,3)	Phys 202 General Physics	3 (3,0)
Phys 201 General Physics	3 (3,0)	Phys 204 Gen. Phys. Lab.	1 (0,3)
Phys 203 Gen. Phys. Lab.	1 (0,3)	M S 202 Military Drill	0 (0,3)
M S 201 Military Drill	0 (0,3)	M S 204 M. S. & T.—Basic	1 (2,0)
M S 203 M. S. & T.—Basic	1 (2,0)		
	20		18

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

Training in Agricultural Economics and Rural Sociology prepares students wholly or in part for farming; managing farms; appraising land, marketing activities; supervising agricultural loan departments in private banks; directing farmer cooperatives such as the production credit and farm loan associations affiliated with the Farm Credit Administration; educational work as teachers or extension workers; public relations research and sales work for the manufacturers of agricultural implements, fertilizers, etc.; organizational and publicity work for farm organizations and cooperative associations; positions in state, county and local government service; research work in farm management, farm credit, taxation, marketing, farm population and rural life trends; farm planning work for the Soil Conservation Service; and for operating numerous enterprises where a knowledge of economic principles is an essential supplement to knowledge of the technical requirements of the business.

AGRICULTURAL ECONOMICS MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
Ag Ec 305 Farm Accounting	2	(1,3)	Ag Ec 352 Public Finance	3	(3,0)
Ag Ec 309 Marketing	3	(2,3)	or Ag Ec 356 Agri. Ind. Rel.	3	(3,0)
Engl 305 Expository Writing	3	(3,0)	Engl 301 Public Speaking	3	(3,0)
Hist 301 U. S. since 1865	3	(3,0)	P H 301 Farm Poultry	3	(3,0)
M S 301 Military Drill	0	(0,3)	P H 303 Farm Poul. Lab.	1	(0,3)
Approved Electives	5		M S 302 Military Drill	0	(0,3)
	19		Approved Electives	5	
				19	
Suggested Electives:			Suggested Electives:		
Bact 301 Gen. Bacteriology	3	(3,0)	Dairy 352 Advertising & Mktg.	3	(3,0)
Bact 303 Gen. Bact. Lab.	1	(0,3)	Ent 301 Elem. & Econ. Ent.	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)
Y M 305 Cotton Marketing	1	(0,3)			

Senior Year

Ag Ec 401 Statistics	3	(2,3)	Ag Ec 406 Seminar	1	(1,0)
Ag Ec 405 Seminar	1	(1,0)	Ag Ec 452 Agric. Policy	3	(3,0)
Ag Ec 451 Econ. of Coop.	3	(3,0)	Ag Ec 456 Prices	3	(3,0)
or Ag Ec 455 Internat. Trade	3	(3,0)	or Ag Ec 460 Agric. Finance	3	(3,0)
Dairy 301 Genetics	3	(2,3)	Ag En 301 Soil Conservation	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
Approved Electives	6		Approved Electives	6	
	19			19	
Suggested Electives:			Suggested Electives:		
Ag Ec 459 Rural Com. Org.	3	(3,0)	Econ 302 Money and Banking	3	(3,0)
Gov 43 Internat. Relat.	2	(2,0)	M S M. S. & T.—Adv.	3	(4,0)
M S M. S. & T.—Adv.	3	(4,0)	Soc 402 The Family	3	(3,0)
Soc 301 Intro. Sociology	3	(3,0)			

AGRONOMY

Agronomy graduates have opportunities in general farming, soil conservation service, agricultural extension and experiment station work, and may also be found as plant breeders, soil analysts, and crop specialists. Other positions include work with commercial concerns such as fertilizer companies, seedsmen, and manufacturers of certain food products.

AGRONOMY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag En 301 Soil Conservation	3	(2,3)	Agron 302 Genetics	3	(2,3)
Agron 301 Fertilizers	3	(3,0)	Agron 306 Forage Crops	3	(3,0)
Bact 301 Gen. Bacteriology	3	(3,0)	Bot 352 Plant Physiology	3	(3,0)
Bact 303 Gen. Bact. Lab.	1	(0,3)	Bot 354 Plant Physiol. Lab.	1	(0,3)
Engl 301 Public Speaking	3	(3,0)	P H 301 Farm Poultry	3	(3,0)
M S 301 Military Drill	0	(0,3)	P H 303 Farm Poul. Lab.	1	(0,3)
Approved Electives	6		M S 302 Military Drill	0	(0,3)
	19		Approved Elective	3	
				17	
Suggested Electives:			Suggested Electives:		
Ag Ec 301 Rural Sociology	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	For 304 Farm Forestry	2	(2,0)
M S M. S. & T.—Adv.	3	(4,0)	For 306 Farm For. Lab.	1	(0,3)
			M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Agron 401 Adv. Crop Lab.	1	(0,3)	Agron 452 Soil Management	2	(2,0)
Agron 405 Plant Breeding	3	(2,3)	Agron 454 Adv. Soil Lab.	1	(0,3)
Agron 409 Cotton & Tobacco	3	(3,0)	Agron 456 Seminar	1	(1,0)
Agron 451 Min. Nutr. Crops	2	(2,0)	Agron 458 Res. and Thesis	1	(0,3)
Agron 455 Seminar	1	(1,0)	A H 301 Feeds and Feeding	3	(3,0)
Agron 457 Res. and Thesis	1	(0,3)	Bact 410 Soil Microbiology	2	(2,0)
Bot 401 Plant Pathology	2	(2,0)	Bact 412 Soil Micro. Lab.	1	(0,3)
Bot 403 Plant Path. Lab.	1	(0,3)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Psych 301 Gen. Psychology	3	(3,0)	M S 402 Military Drill	0	(0,3)
M S 401 Military Drill	0	(0,3)	Approved Electives	6	
Approved Elective	3				
	20			20	

Suggested Electives:

Ag Ec 309 Marketing	3	(2,3)	Ag Ec 460 Agric. Finance	3	(3,0)
Ag Ec 401 Statistics	3	(2,3)	Bot 356 Taxonomy	1	(1,0)
M S M. S. & T.—Adv.	3	(4,0)	Bot 358 Taxonomy Lab.	2	(0,6)
			Bot 402 Economic Botany	2	(2,0)
			Bot 404 Econ. Bot. Lab.	1	(0,3)
			M S M. S. & T.—Adv.	3	(4,0)

ANIMAL HUSBANDRY

Occupations for Animal Husbandry graduates include livestock farming, cattle and swine breeding, extension livestock specialists, feed specialists, county agents, agricultural teachers, research work in animal industry, positions with meat packing companies, feed dealers, freezer locker operators, livestock dealers, and livestock commission brokers.

ANIMAL HUSBANDRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Agron 301 Fertilizers	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
A H 301 Feeds and Feeding	3	(3,0)	Agron 306 Forage Crops	3	(3,0)
A H 303 Feeding Lab.	1	(0,3)	A H 306 Judging	1	(0,3)
Dairy 301 Genetics	3	(2,3)	A H 310 Pork Production	2	(2,0)
Engl 301 Public Speaking	3	(3,0)	A H 312 Brds. of Livestock	2	(2,0)
M S 301 Military Drill	0	(0,3)	A H 314 Pork Prod. Lab.	1	(0,3)
Approved Electives	6		Gov 301 Am. G. & Pol. Par.	3	(3,0)
			M S 302 Military Drill	0	(0,3)
			Approved Elective	3	
	19			19	

Suggested Electives:

Ag Ec 301 Rural Sociology	3	(3,0)	Ag Ec 460 Agric. Finance	3	(3,0)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	Ag En 301 Soil Conservation	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)

Senior Year

A H 401 Beef Production	2	(2,0)	A H 402 Horse & Sheep Pr.	3	(3,0)
A H 403 Beef Prod. Lab.	1	(0,3)	A H 404 H. & Sh. Prod. Lab.	1	(0,3)
A H 451 Advanced Feeds	2	(2,0)	A H 406 Seminar	2	(2,0)
A H 455 Farm Meats	2	(0,6)	A H 452 Animal Breeding	2	(2,0)
Bact 301 Gen. Bacteriology	3	(3,0)	A H 454 Animal Breed. Lab.	1	(0,3)
Bact 303 Gen. Bact. Lab.	1	(0,3)	A H 456 Advanced Meats	1	(1,0)
Psych 301 Gen. Psychology	3	(3,0)	A H 458 Adv. Meats Lab.	1	(0,3)
M S 401 Military Drill	0	(0,3)	P H 301 Farm Poultry	3	(3,0)
Approved Electives	6		P H 303 Farm Poul. Lab.	1	(0,3)
			M S 402 Military Drill	0	(0,3)
			Approved Elective	3	
	20			18	

Suggested Electives:

Ag Ec 309 Marketing	3	(2,3)	Hort 464 Food Preservation	3	(2,3)
A H 405 Advanced Judging	1	(0,3)	M S M. S. & T.—Adv.	3	(4,0)
M S M. S. & T.—Adv.	3	(4,0)	V S 402 Animal Diseases	3	(2,3)
V S 401 Anat. & Physiology	3	(2,3)			

BOTANY

Opportunities in Botany include research work with the state and federal agencies as well as with private agencies such as manufacturers of foods and fibers, agricultural chemicals, fertilizers, weed control chemicals, and seedsmen. Occupations in the agricultural extension work, teaching of biological sciences, curators of herbaria, industrial sales and demonstration representatives for companies manufacturing fungicides and herbicides are also available. Plant pathologists also have opportunities in nursery, orchard and food inspection as well as pathologist-plant breeders with seed companies and other research agencies.

BOTANY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	3 (3,0)	Agron 302 Genetics	3 (2,3)
Bact 303 Gen. Bact. Lab.	1 (0,3)	Bot 352 Plant Physiology	3 (3,0)
Bot 351 Plant Morphology	2 (2,0)	Bot 354 Plant Physiol. Lab.	1 (0,3)
Bot 353 Plant Morph. Lab.	2 (0,6)	Bot 356 Taxonomy	1 (1,0)
Bot 355 Histology	2 (0,6)	Bot 358 Taxonomy Lab.	2 (0,6)
Engl 301 Public Speaking	3 (3,0)	Ger 102 Beginner's German	3 (3,0)
Ger 101 Beginner's German	3 (3,0)	Gov 301 Am. G. & Pol. Par.	3 (3,0)
M S 301 Military Drill	0 (0,3)	M S 302 Military Drill	0 (0,3)
Approved Elective	3	Approved Elective	3
	19		19
Suggested Electives:		**Suggested Electives:**	
Engl 32 Business Law	2 (2,0)	Ent 302 General Entomology	3 (2,3)
Hort 301 Prin. Veg. Prod.	3 (2,3)	For 304 Farm Forestry	2 (2,0)
M S M. S. & T.—Adv.	3 (4,0)	For 306 Farm For. Lab.	1 (0,3)
		M S M. S. & T.—Adv.	3 (4,0)

Senior Year

Bot 401 Plant Pathology	2 (2,0)	Bot 402 Economic Botany	2 (2,0)
Bot 403 Plant Path. Lab.	1 (0,3)	Bot 404 Econ. Bot. Lab.	1 (0,3)
Bot 405 Seminar & Thesis	2 (1,3)	Bot 406 Seminar & Thesis	2 (1,3)
Bot 451 Morph. of Fungi	2 (2,0)	Bot 452 Ecology	2 (2,0)
Bot 453 Morph. Fungi Lab.	1 (0,3)	Bot 454 Ecology Lab.	2 (0,6)
Ent 301 Elem. & Econ. Ent.	3 (2,3)	P H 301 Farm Poultry	3 (3,0)
Psych 301 Gen. Psychology	3 (3,0)	P H 303 Farm Poul. Lab.	1 (0,3)
M S 401 Military Drill	0 (0,3)	M S 402 Military Drill	0 (0,3)
Approved Electives	6	Approved Electives	5
	20		18
Suggested Electives:		**Suggested Electives:**	
Ag Ec 401 Statistics	3 (2,3)	Agron 452 Soil Management	2 (2,0)
Agron 405 Plant Breeding	3 (2,3)	Agron 454 Adv. Soil Lab.	1 (0,3)
Agron 451 Min. Nutr. Crops	2 (2,0)	Bact 410 Soil Microbiology	2 (2,0)
M S M. S. & T.—Adv.	3 (4,0)	Bact 412 Soil Micro. Lab.	1 (0,3)
		Hort 456 Truck Crops	3 (2,3)
		M S M. S. & T.—Adv.	3 (4,0)

DAIRYING

Opportunities in Dairying include dairy farming, dairy plant management, dairy herdsmen for large breeding companies, ice cream manufacturing, laboratory and technical work in dairy plants, milk inspection work, dairy extension specialist, research work with state, federal and commercial organizations, as well as

many positions with milk products laboratories and production plants.

DAIRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	3	(3,0)	A H 301 Feeds and Feeding	3	(3,0)
Bact 303 Gen. Bact. Lab.	1	(0,3)	Dairy 302 Dairy Technology	3	(2,3)
Dairy 301 Genetics	3	(2,3)	*Dairy 306 Market Milk	3	(3,0)
Dairy 305 Judging	1	(0,3)	Engl 301 Public Speaking	3	(3,0)
Dairy 309 Animal Nutrition	3	(3,0)	P H 301 Farm Poultry	3	(3,0)
V S 401 Anat. & Physiology	3	(2,3)	P H 303 Farm Poul. Lab.	1	(0,3)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Electives	5		Approved Elective	3	
	19			19	
Suggested Electives:			Suggested Electives:		
Ag Ec 401 Statistics	3	(2,3)	A H 310 Pork Production	2	(2,0)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	A H 314 Pork Prod. Lab.	1	(0,3)
M S M. S. & T.—Adv.	3	(4,0)	*Dairy 352 Advertsng. & Mktg.	3	(3,0)
			Dairy 354 Endocrinology	3	(3,0)
			M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Agron 301 Fertilizers	3	(3,0)	Bact 402 Dairy Bacteriology	2	(2,0)
Dairy 401 Dairy Manufactures	3	(2,3)	Bact 404 Dairy Bact. Lab.	1	(0,3)
Dairy 405 Breeding	3	(2,3)	Dairy 402 Dairy Manufactures	4	(2,6)
Dairy 409 Seminar	2	(2,0)	Dairy 410 Seminar	2	(2,0)
Psych 301 Gen. Psychology	3	(3,0)	Dairy 452 Feeding & Mgt.	3	(2,3)
M S 401 Military Drill	0	(0,3)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
Approved Electives	6		M S 402 Military Drill	0	(0,3)
			Approved Elective	3	
	20			18	
Suggested Electives:			Suggested Electives:		
Engl 32 Business Law	2	(2,0)	Ag Ec 460 Agric. Finance	3	(3,0)
Engl 305 Expository Writing	3	(3,0)	*Dairy 352 Advertsng. & Mktg.	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)
			V S 402 Animal Diseases	3	(2,3)

* Dairy 306 and 352 are given in alternate years.

ENTOMOLOGY

Many Entomology graduates normally enter federal service with the U. S. Bureau of Entomology and Plant Quarantine as research men or as inspectors. Others enter responsible positions in teaching, research and extension staffs of the several State Colleges and Universities. Insecticide manufacturing concerns also attract many Entomology graduates. Beekeeping is also one phase of entomological work.

ENTOMOLOGY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Bact 301 Gen. Bacteriology	3	(3,0)
Bact 303 Gen. Bact. Lab.	1	(0,3)
Engl 301 Public Speaking	3	(3,0)
Ent 301 Elem. & Econ. Ent.	3	(2,3)
Ger 101 Beginner's German	3	(3,0)
Zool 301 Advanced Zoology	3	(2,3)
M S 301 Military Drill	0	(0,3)
Approved Elective	3	
	19	

Suggested Electives:

Ag Ec 301 Rural Sociology	3	(3,0)
Hort 305 Plant Propagation	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

Agron 302 Genetics	3	(2,3)
Bot 352 Plant Physiology	3	(3,0)
Bot 354 Plant Physiol. Lab.	1	(0.3)
Ent 302 General Entomology	3	(2,3)
P H 301 Farm Poultry	3	(3,0)
P H 303 Farm Poul. Lab.	1	(0,3)
Zool 306 Game Management	2	(2,0)
M S 302 Military Drill	0	(0,3)
Approved Elective	3	
	19	

Suggested Electives:

For 304 Farm Forestry	2	(2,0)
For 306 Farm For. Lab.	1	(0,3)
Ger 102 Beginner's German	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)
Zool 302 Embryology	3	(2,3)

Senior Year

Bot 401 Plant Pathology	2	(2,0)
Bot 403 Plant Path. Lab.	1	(0,3)
Ent 401 Econ. Entomology	3	(2,3)
Ent 405 Insect Morphology	3	(2,3)
Ent 451 Intro. to Research	2	(1,3)
Psych 301 Gen. Psychology	3	(3,0)
M S 401 Military Drill	0	(0,3)
Approved Electives	6	
	20	

Suggested Electives:

Ag Ec 401 Statistics	3	(2,3)
Bot 451 Morph. of Fungi	2	(2,0)
Bot 453 Morph. Fungi Lab.	1	(0,3)
M S M. S. & T.—Adv.	3	(4,0)
Soc 301 Intro. Sociology	3	(3,0)

Ent 402 Econ. Entomology	3	(2,3)
Ent 406 Beekeeping	3	(2,3)
Ent 452 Taxonomic Ent.	2	(1,3)
Ent 456 Parasitology	3	(2,3)
Ent 460 Seminar	2	(2,0)
Gov 301 Am. G. & Pol. Par.	3	(3,0)
M S 402 Military Drill	0	(0,3)
Approved Elective	2	
	18	

Suggested Electives:

Bot 356 Taxonomy	1	(1,0)
Bot 358 Taxonomy Lab.	2	(0,6)
Engl 32 Business Law	2	(2,0)
M S M. S. & T.—Adv.	3	(4,0)

HORTICULTURE

Opportunities in Horticulture include vegetable and fruit farm management, nursery management, landscape gardening, fresh fruit and vegetable and food products inspection, plant breeding, agricultural extension service, experiment station research, and food canning, freezing and dehydration. Other occupations include work with florists, seedsmen, fruit products companies, fertilizer companies, fungicide and insecticide manufacturers and dealers, and spraying and dusting equipment manufacturers and dealers.

HORTICULTURE MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Agron 301 Fertilizers	3	(3,0)
Bact 301 Gen. Bacteriology	3	(3,0)
Bact 303 Gen. Bact. Lab.	1	(0,3)
Ent 301 Elem. & Econ. Ent.	3	(2,3)
Hort 301 Prin. Veg. Prod.	3	(2,3)
Hort 305 Plant Propagation	3	(2,3)
M S 301 Military Drill	0	(0,3)
Approved Elective	3	
	19	

Suggested Electives:

Ag Ec 301 Rural Sociology	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)

Agron 302 Genetics	3	(2,3)
Bot 352 Plant Physiology	3	(3,0)
Bot 354 Plant Physiol. Lab.	1	(0,3)
Engl 301 Public Speaking	3	(3,0)
Gov 301 Am. G. & Pol. Par.	3	(3,0)
Hort 306 Landscape Design	2	(2,0)
Hort 308 Land. Des. Lab.	1	(0,3)
M S 302 Military Drill	0	(0,3)
Approved Elective	3	
	19	

Suggested Electives:

Ag Ec 302 Farm Management	4	(3,3)
Bot 356 Taxonomy	1	(1,0)
Bot 358 Taxonomy Lab.	2	(0,6)
M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Ag Ec 309 Marketing	3	(2,3)
Bot 401 Plant Pathology	2	(2,0)
Bot 403 Plant Path. Lab.	1	(0,3)
Hort 409 Seminar	1	(1,0)
Hort 451 Syst. Pomology	3	(2,3)
Hort 455 Breeding H. Crops	3	(2,3)
or Hort 405 Nut Culture	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)
M S 401 Military Drill	0	(0,3)
Approved Elective	2	
	18	

Suggested Electives:

Hort 401 Landscape Design	2	(2,0)
Hort 403 Landsc. Des. Lab.	1	(0,3)
Hort 415 Floriculture	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

Hort 410 Seminar	1	(1,0)
Hort 452 Commrcl. Pomology	3	(2,3)
or Hort 402 Garden Design	2	(2,0)
Hort 404 Garden Des. Lab.	1	(0,3)
Hort 456 Truck Crops	3	(2,3)
or Hort 460 Landscape Dsgn.	3	(2,3)
Hort 464 Food Preservation	3	(2,3)
P H 301 Farm Poultry	3	(3,0)
P H 303 Farm Poul. Lab.	1	(0,3)
M S 402 Military Drill	0	(0,3)
Approved Electives	6	
	20	

Suggested Electives:

Ag En 301 Soil Conservation	3	(2,3)
Ent 406 Beekeeping	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

POULTRY

Graduates in Poultry Husbandry major have opportunities as poultry farm operators, hatchery managers, sales and servicemen with feed manufacturers and poultry equipment concerns, poultry research workers and extension agents.

POULTRY MAJOR

For additional requirements see *Basic Agricultural Curriculum*

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)
A H 301 Feeds and Feeding	3	(3,0)
A H 303 Feeding Lab.	1	(0,3)
Dairy 301 Genetics	3	(2,3)
V S 401 Anat. & Physiology	3	(2,3)
M S 301 Military Drill	0	(0,3)
Approved Electives	6	
	19	

Suggested Electives:

Ent 301 Elem. & Econ. Ent.	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)
Zool 301 Advanced Zoology	3	(2,3)

Ag Ec 302 Farm Management	4	(3,3)
Bact 301 Gen. Bacteriology	3	(3,0)
Bact 303 Gen. Bact. Lab.	1	(0,3)
Engl 301 Public Speaking	3	(3,0)
P H 301 Farm Poultry	3	(3,0)
P H 303 Farm Poul. Lab.	1	(0,3)
M S 302 Military Drill	0	(0,3)
Approved Elective	3	
	18	

Suggested Electives:

Agron 306 Forage Crops	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)
Zool 302 Embryology	3	(2,3)
Zool 306 Game Management	2	(2,0)

Senior Year

P H 451 Poultry Breeding	3	(2,3)
P H 455 Grading & Process.	3	(2,3)
P H 459 Dis. & Parasites	3	(2,3)
Psych 301 Gen. Psychology	3	(3,0)
M S 401 Military Drill	0	(0,3)
Approved Electives	7	
	19	

Suggested Electives:

Ag Ec 309 Marketing	3	(2,3)
Ag Ec 401 Statistics	3	(2,3)
Dairy 309 Nutrition	3	(3,0)
M S M. S. & T.—Adv.	3	(4,0)

Gov 301 Am. G. & Pol. Par.	3	(3,0)
Hort 464 Food Preservation	3	(2,3)
P H 452 Feed. & Flock Mgt.	3	(2,3)
P H 456 Incubat. & Brood.	3	(2,3)
P H 460 Seminar	2	(2,0)
M S 402 Military Drill	0	(0,3)
Approved Electives	6	
	20	

Suggested Electives:

Ent 406 Beekeeping	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

AGRICULTURAL ENGINEERING

Opportunities in Agricultural Engineering include mechanized farming; research with state, federal, and private agencies; sales, service, advertising and design of farm equipment and materials; agricultural extension service with state and federal agencies; employment in the fields of soil conservation, land drainage and reclamation, and irrigation; rural electrification work with power companies, manufacturers of electrical equipment and the Rural Electrification Administration of the United States Department of Agriculture; and private business such as farming, operating machinery dealerships and related lines of business.

AGRICULTURAL ENGINEERING

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	D D 106 Engr. Drawing	2	(0,6)
In En 101 Metal Processes	2	(0,6)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 104 M. S. & T.—Basic	1	(2,0)
	17			17	

Sophomore Year

Ag En 203 Ag. Engr. Problems	3	(2,3)	Ag En 201 Farm Machinery	3	(2,3)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Agron 101 Farm Crops	3	(3,0)
In En 202 Wood Processes	2	(0,6)	Engl 204 Survey of Engl. Lit.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 204 M. S. & T.—Basic	1	(2,0)
	19			20	

Junior Year

Ag En 351 Farm Tractors	3	(2,3)	Ag En 304 Rur. Electrif.	3	(2,3)
Bot 101 General Botany	3	(3,0)	Agron 202 Soils	3	(2,3)
Bot 103 Gen. Bot. Lab.	1	(0,3)	Gov 301 Am. G. & Pol. Par.	3	(3,0)
E E 303 Elec. Circuits & Machines	4	(3,3)	In En 201 Metal Processes	2	(0,6)
Geol 201 Agric. Geology	3	(3,0)	In En 302 Welding	2	(1,3)
Mech 302 Statics	3	(3,0)	Mech 304 Mech. of Matr.	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	20			19	

Suggested Electives:

Agron 301 Fertilizers	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
D D 305 Kinematics of Mach.	2	(1,3)	D D 306 Machine Design	2	(1,3)
In En 205 Constr. Materials	2	(2,0)	In En 402 Metallurgy	3	(3,0)
Mech 306 Graphic Statics	1	(0,3)	Mech 305 Mech. Matr. Lab.	1	(0,3)
M S M. S. & T.—Adv.	3	(4,0)	M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Ag En 401 Soil & Wat. Con. En.	3	(2,3)
Ag En 409 Seminar	1	(1,0)
Ag En 451 Farm Structures	3	(2,3)
Hist 301 U. S. since 1865	3	(3,0)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)
M S 401 Military Drill	0	(0,3)
Approved Electives	6	
	20	

Suggested Electives:

Ag Ec 401 Statistics	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

Ag En 402 Drain. & Irrig.	3	(2,3)
Ag En 406 Adv. Farm Mach.	3	(2,3)
Ag En 410 Seminar	1	(1,0)
Ag En 452 Adv. Farm Struct.	3	(2,3)
Engl 301 Public Speaking	3	(3,0)
Hort 464 Food Preservation	3	(2,3)
M S 402 Military Drill	0	(0,3)
Approved Elective	2	
	18	

Suggested Electives:

Bact 406 Sanitary Bact.	3	(3,0)
Bact 408 San. Bact. Lab.	1	(0,3)
Hort 452 Commrcl. Pomology	3	(2,3)
M S M. S. & T.—Adv.	3	(4,0)

FORESTRY

Students completing the two-year Pre-Forestry program at Clemson are qualified to transfer to any of the major forestry institutions in the country. Opportunities exist for work on national forests, state forests, and large private timber lands in technical administrative capacity. Men with training in forest products are also in demand in pulp and paper mills and laboratories and in the mills and developmental laboratories of the larger lumber, plywood and furniture companies in this region and throughout the country.

PRE-FORESTRY

Freshman Year

First Semester

Bot 101 General Botany	3	(3,0)
Bot 103 Gen. Bot. Lab.	1	(0,3)
Chem 101 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)
Math 101 College Algebra	3	(3,0)
M S 101 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)
	17	

Second Semester

Chem 102 General Chemistry	4	(3,3)
C E 101 Intro. Surveying	2	(1,3)
D D 106 Engr. Drawing	2	(0,6)
Engl 102 Comp. and Lit.	3	(3,0)
Math 102 Trigonometry	3	(3,0)
Zool 101 General Zoology	3	(3,0)
Zool 103 Gen. Zool. Lab.	1	(0,3)
M S 102 Military Drill	0	(0,3)
M S 104 M. S. & T.—Basic	1	(2,0)
	19	

Sophomore Year

C E 201 Surveying	2	(2,0)
C E 203 Topog. Survey. & Map.	1	(0,3)
Engl 203 Survey of Engl. Lit.	3	(3,0)
For 201 General Forestry	2	(2,0)
For 203 Gen. For. Lab.	1	(0,3)
Geol 201 Agric. Geology	3	(3,0)
Phys 201 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)
	17	

C E 202 Surveying	2	(2,0)
Econ 201 Prin. of Economics	3	(3,0)
Engl 204 Survey of Engl. Lit.	3	(3,0)
For 202 Dendrology	3	(3,0)
For 204 Dendrology Lab.	1	(0,3)
Phys 202 General Physics	3	(3,0)
Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 202 Military Drill	0	(0,3)
M S 204 M. S. & T.—Basic	1	(2,0)
	17	

SCHOOL OF ARTS AND SCIENCES

In addition to acting as a service school to all other schools of the College in furnishing the training in the humanities and the social and physical sciences which is essential to the general education of students, the School of Arts and Sciences offers three curricula:

1. The curriculum in Arts and Sciences, leading to the degree of Bachelor of Science in Arts and Sciences.
2. The curriculum in Pre-Medicine, leading to the degree of Bachelor of Science in Pre-Medicine.
3. The curriculum in Industrial Physics, leading to the degree of Bachelor of Science in Industrial Physics.

Students majoring in the School of Arts and Sciences should secure from the Dean of the School of Arts and Sciences the *Handbook for Students Majoring in the School of Arts and Sciences,* the purpose of which is to provide information to students about possible fields of study, guidance in choosing an appropriate field of concentration, a list of approved electives, and additional information about the requirements for graduation in this school.

ARTS AND SCIENCES

The curriculum in Arts and Sciences is planned to meet the needs of those students who desire a broad, general education as a preparation for intelligent citizenship and for vocational efficiency. The first two years are spent in introductory work in various fields, in order to give the student breadth of view and to enable him to take a more intelligent part in his own education. During the last two years the student concentrates in selected fields.

ARTS AND SCIENCES

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Hist 101 American History	3	(3,0)	Hist 102 American History	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
Modern Language	3	(3,0)	Modern Language	3	(3,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 104 M. S. & T.—Basic	1	(2,0)
	19			19	

Sophomore Year

*Bot 101 General Botany	3	(3,0)	Engl 204 Survey of Engl. Lit.	3	(3,0)
*Bot 103 Gen. Bot. Lab.	1	(0,3)	*Math 204 Integral Calculus	5	(5,0)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Modern Language	3	(3,0)
*Math 203 Diff. Calculus	5	(5,0)	Phys 202 General Physics	3	(3,0)
Modern Language	3	(3,0)	Phys 204 Gen. Phys. Lab.	1	(0,3)
Phys 201 General Physics	3	(3,0)	*Zool 101 General Zoology	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	*Zool 103 Gen. Zool. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 204 M. S. & T.—Basic	1	(2,0)
Approved Electives	1 - 2		Approved Electives	1 - 2	
	17			17	

*Students who elect Chemistry, Mathematics, or Physics for one of their fields of concentration shall take Mathematics 203 and 204 and may elect Physics 211, 213 and 212, 214 instead of Physics 201, 203 and 202, 204 during their sophomore year, postponing until their junior year Botany and Zoology, which are required for graduation.

Junior Year

Engl 301 Public Speaking	3	(3,0)	M S 302 Military Drill	0	(0,3)
M S 301 Military Drill	0	(0,3)	Approved Electives	20	
Approved Electives	17				
	20			20	

Senior Year

M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
Approved Electives	19		Approved Electives	19	
	19			19	

SUPPLEMENTARY REQUIREMENTS

(1) Before the registration date beginning his Junior year, the student shall select two of the fields of study in the curriculum in Arts and Sciences as fields of concentration. These may be selected from Economics and Sociology, English, Government and History, Mathematics, Physics, Modern Languages, Biological Sciences, and Chemistry.

(2) A minimum of twenty-four hours shall be taken in the primary field of concentration and fifteen hours in the secondary field. This work shall be on the Junior-Senior level except that Mathematics 203 and 204 may be used as part fulfillment of this requirement by a student whose field of concentration is Mathematics.

(3) Besides the courses in the primary and secondary fields of concentration, a minimum of 12 additional approved elective hours shall be taken in courses of Junior-Senior level.

(4) The remainder of the elective work may be taken from the list of approved electives.

(5) Students majoring in Arts and Sciences who desire to teach in the public schools may fulfill the requirements for the secondary field of concentration by taking the eighteen hours of Education required by the State Board of Education.

(6) For graduation in Arts and Sciences at least the second year of one foreign language must be completed in college.

(7) The total number of hours required for graduation is 138 hours *plus* the advanced ROTC program *or* 12 hours of approved electives.

For lists of subjects in fields of concentration, for list of approved electives, and for further information the student should consult the *Handbook for Students Majoring in the School of Arts and Sciences.*

INDUSTRIAL PHYSICS

The curriculum in Industrial Physics is intended to give a thorough knowledge of the fundamental principles of physics to students who plan to enter industrial laboratories. This course combines sound theoretical training and extensive laboratory practices in the various branches of physics with considerable work in one related field such as Chemistry or Electrical Engineering. The student is encouraged to take at least two advanced mathematics courses and other technical courses may be taken as electives if desired. On completing this curriculum the student should be prepared to enter research in an industrial or government laboratory.

The freshman year of this curriculum is practically identical with that for engineering students and the sophomore year is also

quite similar; therefore a student may postpone deciding which course to take until his junior year. For further information about this curriculum consult the *Handbook for Students Majoring in the School of Arts and Sciences.*

INDUSTRIAL PHYSICS

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or Gov 101 Amer. Nat'l. Gov't.	3	(3,0)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
Math 103 Freshman Math.	5	(5,0)	Engl 102 Comp. and Lit.	3	(3,0)
M S 101 Military Drill	0	(0,3)	Math 104 Freshman Math.	5	(5,0)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 102 Military Drill	0	(0,3)
			M S 104 M. S. & T.—Basic	1	(2,0)
	17			17 or 18	

Sophomore Year

In En 201 Metal Processes	2	(0,6)	Approved Electives	4	
or Chem 215 Qual. Analysis	4	(2,6)	or Chem 216 Quan. Analysis	4	(2,6)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Engl 204 Survey of Engl. Lit.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
or Phys 201 General Physics	3	(3,0)	or Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 204 M. S. & T.—Basic	1	(2,0)
Approved Electives	0 - 3				
	18			18 or 17	

Junior Year

E E 307 D. C. Circ. & Mach.	4	(3,3)	E E 308 A. C. Circ. & Mach.	4	(3,3)
or Chem 221 Elem. Org. Chem.	5	(3,6)	or Chem 222 Elem. Org. Chem.	5	(3,6)
Hist 301 U. S. since 1865	3	(3,0)	Engl 301 Public Speaking	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)	Phys 304 Descript. Astronomy	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)	or Phys 308 Sound & Acoustics	3	(3,0)
Phys 321 Mech. & Prop. Mat.	3	(3,0)	Phys 312 Heat & Kinetic Th.	3	(3,0)
Phys 323 Experimental Mech.	2	(0,6)	Phys 314 Experimental Heat	2	(0,6)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Electives	3 - 4		Approved Electives	4 - 5	
	20			20	

Senior Year

E E 320 Electronics	4	(3,3)	E E (as approved)	4	
or Chem 331 & 333 Phys. Chem	5	(3,6)	or Chem 332 & 334 Phys. Chem.	5	(3,6)
Phys 341 Magnetism & Elec.	3	(3,0)	Phys 332 Light	3	(3,0)
Phys 343 Experimental Elec.	2	(0,6)	Phys 334 Experimental Light	2	(0,6)
M S 401 Military Drill	0	(0,3)	Phys 452 Atom. & Nucl. Phys.	3	(3,0)
Approved Electives	10 - 11		Approved Electives	7 - 8	
	20			20	

PRE-MEDICINE

The curriculum in Pre-Medicine is designed to meet the general entrance requirements of standard medical colleges. Since, however, requirements for entrance to various medical schools are not uniform, the student before choosing his electives should consult the specific requirements of the medical college of his preference.

Those preparing for the study of medicine are advised to complete four years of undergraduate work before entering a medical school. Clemson College, however, will award the degree of Bachelor of Science in Pre-Medicine to a student who, after completing all requirements of the first three years of the Pre-Medical course, is graduated from a medical college approved by the American Medical Association. Requirements of the first three years would be three-fourths of the number of hours required for graduation, including required courses for the first three years.

The total number of hours required for graduation is 138 hours *plus* the advanced ROTC program *or* 12 hours of approved electives.

PRE-MEDICINE

Freshman Year

First Semester			*Second Semester*		
Chem 103 General Chemistry	4	(3,3)	Chem 104 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Fr 101 Beginner's French	3	(3,0)	Fr 102 Beginner's French	3	(3,0)
or Ger 101 Beginner's Ger.	3	(3,0)	or Ger 102 Beginner's Ger.	3	(3,0)
Hist 101 American History	3	(3,0)	Hist 102 American History	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 104 M. S. & T.—Basic	1	(2,0)
	19			19	

Sophomore Year

Chem 211 Qual. Analysis	3	(1,6)	Bot 101 General Botany	3	(3,0)
D D 101 Freehand Drawing	1	(0,3)	Bot 103 Gen. Bot. Lab.	1	(0,3)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Chem 212 Quan. Analysis	3	(1,6)
Fr 201 Intermediate French	3	(3,0)	Engl 204 Survey of Engl. Lit.	3	(3,0)
or Ger 201 Intermediate Ger.	3	(3,0)	Fr 202 Intermediate French	3	(3,0)
Phys 201 General Physics	3	(3,0)	or Ger 202 Intermediate Ger.	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 202 General Physics	3	(3,0)
Zool 101 General Zoology	3	(3,0)	Phys 204 Gen. Phys. Lab.	1	(0,3)
Zool 103 Gen. Zool. Lab.	1	(0,3)	M S 202 Military Drill	0	(0,3)
M S 201 Military Drill	0	(0,3)	M S 204 M. S. & T.—Basic	1	(2,0)
M S 203 M. S. & T.—Basic	1	(2,0)			
	19			18	

Junior Year

Chem 221 Elem. Org. Chem.	5	(3,6)	Chem 222 Elem. Org. Chem.	5	(3,6)
Econ 201 Prin. of Economics	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Engl 301 Public Speaking	3	(3,0)	M S 302 Military Drill	0	(0,3)
M S 301 Military Drill	0	(0,3)	Approved Electives	11	
Approved Electives	8				
	19			19	

Senior Year

Bact 301 Gen. Bacteriology	3	(3,0)	Hist 304 Hist. of Civ.	3	(3,0)
Bact 303 Gen. Bact. Lab.	1	(0,3)	Psych 302 Social Psychology	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)	Soc 301 Intro. Sociology	3	(3,0)
Psych 301 Gen. Psychology	3	(3,0)	Zool 302 Embryology	3	(2,3)
Zool 301 Advanced Zoology	3	(2,3)	M S 402 Military Drill	0	(0,3)
M S 401 Military Drill	0	(0,3)	Approved Electives	6	
Approved Electives	6				
	19			18	

SCHOOL OF CHEMISTRY

CHEMISTRY

The Chemistry curriculum is designed to give the student a thorough knowledge of the fundamental principles of chemistry. The course is so arranged that each student takes approximately the same number of hours of work in each of the four fundamental branches of chemistry,—Inorganic, Analytical, Organic and Physical. Additional work may be scheduled in any of these fields in which the student is particularly interested. The number of allowable elective credits is great enough to enable the student to take work in related fields such as engineering, textile chemistry, physics, bacteriology, etc. Graduates of the Chemistry curriculum are prepared for employment in any of the chemical industries in laboratory, plant control or sales work, as well as in Government Laboratories or State Experiment Stations. Many of our graduates go to other institutions for graduate work and the number of our Chemistry graduates who have obtained graduate degrees is impressive. These men are well distributed through industry and research institutions.

CHEMISTRY

Freshman Year

First Semester			*Second Semester*		
Chem 103 General Chemistry	4	(3,3)	Chem 104 General Chemistry	4	(3,3)
D D 101 Freehand Drawing	1	(0,3)	D D 102 Technical Drawing	1	(0,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 104 M. S. & T.—Basic	1	(2,0)
	18			18	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Chem 216 Quan. Analysis	4	(2,6)
Chem 221 Organic Chemistry	5	(3,6)	Chem 222 Organic Chemistry	5	(3,6)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Engl 204 Survey of Engl. Lit.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 204 M. S. & T.—Basic	1	(2,0)
	18			18	

Junior Year

Chem 321 Qual. Org. Anal.	4	(2,6)	Chem 312 Gas & Fuel Analysis	3	(1,6)
Chem 331 Physical Chemistry	3	(3,0)	Chem 332 Physical Chemistry	3	(3,0)
Chem 333 Physical Chem. Lab.	2	(0,6)	Chem 334 Physical Chem. Lab.	2	(0,6)
Ger 101 Beginner's German	3	(3,0)	Ger 102 Beginner's German	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
*Approved Electives	8		*Approved Electives	9	
	20			20	

Senior Year

Chem 401 Inorg. Chemistry	3	(3,0)	Chem 402 Inorg. Chemistry	3	(3,0)
Chem 411 Adv. Quant. Anal.	3	(1,6)	Chem 432 Colloid Chemistry	2	(2,0)
Chem 431 Colloid Chemistry	2	(2,0)	Chem 442 Chem. Literature	2	(1,3)
M S 401 Military Drill	0	(0,3)	M S 402 Military Drill	0	(0,3)
*Approved Electives	11		*Approved Electives	12	
	19			19	

* Electives:

For the degree of B. S. in Chemistry, a student must elect at least 18 hours in History, Government, Public Speaking, Business Law, Economics, Sociology, Psychology, etc.

Suggested Electives:			Suggested Electives:		
Bact 301 Gen. Bacteriology	3	(3,0)	Chem 444 Research Problems	3	(0,9)
Bact 303 Gen. Bact. Lab.	1	(0,3)	Chem 454 Inorganic Synthesis	2	(0,6)
Chem 441 Glass Manipulation	2	(0,6)	Chem 462 Technical Analysis	3	(1,6)
Chem 443 Research Problems	3	(0,9)	Chem 472 Organic Synthesis	4	(1,9)
Chem 481 Phase Equilibria	2	(2,0)	Chem 482 Chem. Thermodynamics	3	(3,0)
Ger 201 Intermediate German	3	(3,0)	Chem 484 Colloid Chem. Lab.	2	(0,6)
Math 305 Inter. Calculus	3	(3,0)	Geol 306 Mineralogy	4	(3,3)
M S M. S. & T.—Adv.	3	(4,0)	Ger 202 Intermediate German	3	(3,0)
Phys 301 Intro. to Mod. Phys.	3	(3,0)	Math 306 Ord. Diff. Equa.	3	(3,0)
Phys 341 Magn. and Elect.	3	(3,0)	M S M. S. & T.—Adv.	3	(4,0)
Phys 343 Exp. Electricity	2	(0,6)	Phys 452 Atom. & Nucl. Phys.	3	(3,0)

SCHOOL OF ENGINEERING

Seven curricula are offered under the School of Engineering including Architecture, Architectural Engineering, Ceramic Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, and Mechanical Engineering. The curricula in Civil, Electrical, and Mechanical Engineering are accredited by the Engineers Council for Professional Development.

While the School of Engineering does not offer specific options or majors under each of these curricula, the training includes many phases of each respective field. Thus, a Civil Engineering student is graduated in Civil Engineering rather than hydraulic engineering, highway engineering, sanitary engineering or other such options, but the curriculum in Civil Engineering includes definite training along these lines. In the same way, the other engineering curricula include thorough training in various phases of the field of specialization without over-emphasizing one phase to the neglect of others.

All engineering consists of the application of the laws of physics, chemistry, and mathematics to the solution of specific problems. Furthermore, any engineer must be able to express his ideas both in words and in drawings. For these two reasons the first two years of all the branches of engineering here listed are substantially the same and deal largely with the fundamentals mentioned above.

An engineer in any branch should understand the methods of fabrication of machine parts and the possibilities and limitations of various methods. For this reason shop courses are included in all engineering curricula. These courses are not manual training in nature and do not deal with the acquisition of specific skills.

In all curricula, over-specialization is carefully avoided by the inclusion of subjects which involve the most direct application of the basic sciences and which serve to develop habits of orderly analysis and logical thinking.

ARCHITECTURE AND ARCHITECTURAL ENGINEERING

The full professional courses in Architecture and Architectural Engineering as given below lead to the Bachelor of Science degree in the respective courses at the end of the fourth year, and to the Bachelor of Architecture degree at the end of the fifth year. The two courses are the same in the freshman and sophomore years. Those students interested in architectural design continue in the course in Architecture and those interested in construction pursue the course in Architectural Engineering.

The courses are broad in scope, fitting the graduate not only for the practice of architecture, but for a number of allied professions. All work is individual and every effort is made to develop the students' individuality, imagination and creative ability. Skillful draftsmanship and artistic presentation are insisted upon.

The South Carolina State Board of Architectural Examiners accepts the diploma of this Department as equivalent to two years' work in a practicing architect's office, otherwise required. The department is a member of the Association of Collegiate Schools of Architecture.

As Architecture is one of the fine arts much time is given to freehand drawing, color work, history of architecture, painting and sculpture. Architectural design and building construction are the two major subjects and greatest attention is paid to them throughout the entire course. The two courses parallel each other and insofar as feasible are integrated one with the other. In these the student is given a written program of requirements of a building or group of buildings and under the criticism of the instructor creates a design embodying his own ideas.

Fundamental courses are given in mathematics, graphic statics, strength of materials, reinforced concrete, steel, building materials and details, and in working drawings which consist of complete plans and specifications for a building prepared as in the office of the practicing architect.

The architectural library adjoining the drafting rooms is a working library with many volumes concerning architecture and

allied subjects, photographic plans and illustrations, lantern slides, drawings, models and files of the leading architectural magazines, both American and foreign. Books of this type purchased by the main College library are deposited in the architectural library. In the structural drafting room is a complete built-in exhibit of building materials and appliances especially arranged for instructional purposes.

Each spring students are expected to take an educational trip to a large city to study examples of architecture and construction.

Six weeks of practical architectural work approved by the architectural faculty are required for graduation.

ARCHITECTURE

Freshman Year

First Semester			*Second Semester*		
Arch 101 Elements of Design	3	(0,9)	Arch 102 Architectural Design	2	(0,6)
Arch 105 Freehand Drawing	1	(0,3)	Arch 106 Freehand Drawing	2	(0,6)
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 104 M. S. & T.—Basic	1	(2,0)
	17			17	

Sophomore Year

Arch 201 Arch. Design	4	(0,12)	Arch 202 Arch. Design	4	(0,12)
Arch 205 Elem. Rendering	1	(0,3)	Arch 206 Adv. Rendering	1	(0,3)
Arch 209 Hist. of Arch.	3	(3,0)	Arch 210 Hist. of Arch.	3	(3,0)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Engl 204 Survey of Engl. Lit.	3	(3,0)
Math 201 Diff. Calculus	3	(3,0)	Math 202 Integral Calculus	3	(3,0)
Phys 201 General Physics	3	(3,0)	Phys 202 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 204 M. S. & T.—Basic	1	(2,0)
	19			19	

Junior Year

Arch 301 Arch. Design	6	(0,18)	Arch 302 Arch. Design	6	(0,18)
Arch 305 Water Color	1	(0,3)	Arch 306 Adv. Water Color	1	(0,3)
Arch 309 Hist. of Arch.	2	(2,0)	Arch 316 Bldg. Construction	2	(2,0)
Arch 315 Bldg. Construction	2	(2,0)	Arch 318 Working Drawings	1	(0,3)
Arch 317 Working Drawings	1	(0,3)	Engl 301 Public Speaking	3	(3,0)
Mech 302 Statics	3	(3,0)	Mech 304 Mech. of Matr.	3	(3,0)
Mech 306 Graphic Statics	1	(0,3)	M S 302 Military Drill	0	(0,3)
M S 301 Military Drill	0	(0,3)	Approved Elective	3	
Approved Elective	3				
	19			19	

Senior Year

Arch 401 Arch. Design	7	(0,21)	
Arch 405 Life Drawing	1	(0,3)	
Arch 415 Bldg. Design	2	(2,0)	
Arch 417 Working Drawings	2	(0,6)	
Arch 419 Mechanical Plant	2	(2,0)	
C E 409 Reinf. Concrete	4	(3,3)	
M S 401 Military Drill	0	(0,3)	
Approved Elective	2		
	20		

Arch 402 Arch. Design	7	(0,21)	
Arch 406 Arch. Modeling	1	(0,3)	
Arch 410 History of Art	3	(3,0)	
Arch 416 Specifications	2	(2,0)	
Arch 418 Work. Draw. & Details	2	(0,6)	
Arch 420 Profess. Practice	1	(1,0)	
M S 402 Military Drill	0	(0,3)	
Approved Electives	4		
	20		

Fifth Year

Arch 431 Arch. Design	8	(0,24)	
Arch 435 Seminar	1	(0,3)	
Arch 439 Hist. of Arch.	3	(3,0)	
Arch 445 Bldg. Design	1	(0,3)	
Arch 447 City Planning	3	(1,6)	
Approved Electives	4		
	20		

Arch 432 Arch. Design	8	(0,24)	
Arch 436 Seminar	1	(0,3)	
Arch 440 Hist. of Arch.	3	(3,0)	
Arch 446 Bldg. Design	1	(0,3)	
Arch 448 City Planning	3	(1,6)	
Approved Electives	4		
	20		

Four-year course leads to the degree of Bachelor of Science in Architecture.

Five-year course leads to the degree of Bachelor of Architecture.

ARCHITECTURAL ENGINEERING

Freshman Year

First Semester

Arch 101 Elements of Design	3	(0,9)
Arch 105 Freehand Drawing	1	(0,3)
Chem 101 General Chemistry	4	(3,3)
Engl 101 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)
	17	

Second Semester

Arch 102 Architectural Design	2	(0,6)
Arch 106 Freehand Drawing	2	(0,6)
Chem 102 General Chemistry	4	(3,3)
Engl 102 Comp. and Lit.	3	(3,0)
Math 104 Freshman Math.	5	(5,0)
M S 102 Military Drill	0	(0,3)
M S 104 M. S. & T.—Basic	1	(2,0)
	17	

Sophomore Year

Arch 201 Arch. Design	4	(0,12)
Arch 205 Elem. Rendering	1	(0,3)
Arch 209 Hist. of Arch.	3	(3,0)
Engl 203 Survey of Engl. Lit.	3	(3,0)
Math 201 Diff. Calculus	3	(3,0)
Phys 201 General Physics	3	(3,0)
Phys 203 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)
	19	

Arch 202 Arch. Design	4	(0,12)
Arch 206 Adv. Rendering	1	(0,3)
Arch 210 Hist. of Arch.	3	(3,0)
Engl 204 Survey of Engl. Lit.	3	(3,0)
Math 202 Integral Calculus	3	(3,0)
Phys 202 General Physics	3	(3,0)
Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 202 Military Drill	0	(0,3)
M S 204 M. S. & T.—Basic	1	(2,0)
	19	

Junior Year

Arch 301 Arch. Design	6	(0,18)	
Arch 305 Water Color	1	(0,3)	
Arch 315 Bldg. Construction	2	(2,0)	
Arch 317 Work. Drawings	1	(0,3)	
C E 101 Intro. Surveying	2	(1,3)	
Mech 302 Statics	3	(3,0)	
Mech 306 Graphic Statics	1	(0,3)	
M S 301 Military Drill	0	(0,3)	
Approved Elective	3		
	19		

Arch 302 Arch. Design	6	(0,18)	
Arch 306 Adv. Water Color	1	(0,3)	
Arch 316 Bldg. Construction	2	(2,0)	
Arch 318 Work. Drawings	1	(0,3)	
C E 309 Stress Analysis	2	(0,6)	
Engl 301 Public Speaking	3	(3,0)	
Mech 304 Mech. of Matr.	3	(3,0)	
Mech 305 Mech. Matr. Lab.	1	(0,3)	
M S 302 Military Drill	0	(0,3)	
	19		

Senior Year

Arch 425 Building Design	2	(2,0)	
Arch 427 Working Drawings	4	(1,9)	
C E 310 Elementary Design	2	(0,6)	
Phys 308 Sound & Acoustics	3	(3,0)	
M S 401 Military Drill	0	(0,3)	
Technical Elective	3		
Approved Electives	6		
	20		
Technical Electives:			
Arch 447 City Planning	3	(1,6)	
E E 303 Elec. Circuits & Mach.	4	(3,3)	
General Electives:			
Econ 201 Prin. of Economics	3	(3,0)	
Econ 301 Labor Problems	3	(3,0)	
Econ 401 Accounting	3	(3,0)	
Elective English	3	(3,0)	
Hist 303 Hist. of Civ.	3	(3,0)	
Phys 301 Int. to Mod. Phys.	3	(3,0)	
Phys 303 Exp. in Mod. Phys.	1	(0,3)	
Psych 301 Gen. Psychology	3	(3,0)	

Arch 420 Profess. Practice	1	(1,0)	
Arch 426 Specifications	2	(2,0)	
Arch 428 Work Draw. & Details	4	(1,9)	
C E 409 Reinf. Concrete	4	(3,3)	
C E 415 Soil Mechanics	3	(2,3)	
M S 402 Military Drill	0	(0,3)	
Technical Elective	3		
Approved Elective	3		
	20		
Technical Electives:			
Arch 448 City Planning	3	(1,6)	
C E 416 Contracts	2	(2,0)	
M E 302 Mech. Engr.	3	(3,0)	
M E 304 Mech. Engr.	1	(0,3)	
General Electives:			
Econ 202 Prin. of Economics	3	(3,0)	
Econ 302 Money and Banking	3	(3,0)	
Elective English	3	(3,0)	
Gov 302 State and Local Gov.	3	(3,0)	
Gov. 43 Internat'l. Relat.	2	(2,0)	
Hist 304 Hist. of Civ.	3	(3,0)	
Psych 302 Social Psychology	3	(3,0)	
Soc 301 Intro. Sociology	3	(3,0)	

CERAMIC ENGINEERING

The ceramic industries have as their raw materials the non-metallic minerals other than fuels. These minerals constitute over 90 per cent of the earth's crust while the industries dependent on them comprise almost one-third the entire field of industrial activity. Ceramic industries produce products in eight major classifications: structural clay products; glass; pottery; refractories abrasives; cements; limes and plaster; enameled metals; thermal and electrical insulation.

South Carolina possesses a wide variety of ceramic minerals which rank with the forests as the richest natural resources in the State. The presence of kaolin, silica, limestone, shale, kyanite, pyrophyllite, sericite, topaz, feldspar, vermiculite, sillimanite, talc, corundum, mica, spodumene, monazite, diatomaceou, earth and fuller's earth make it possible for South Carolina to contribute

raw materials to every major classification of the ceramic industries. The Portland Cement, glass, sewer pipe, brick flower pot, thermal insulation, refractory and pottery industries of the State indicate the diversity of ceramic industries which South Carolina is capable of supporting.

The ceramic industrial growth of South Carolina has been retarded by the absence of persons with a knowledge of ceramic manufacturing processes. The ceramic industries of today are no longer small colorful enterprises which can be operated by persons of dubious skill. Instead they are large manufacturing plants requiring trained engineers for their supervision. The growth of South Carolina's ceramic industries is dependent on the availability of trained engineers capable of incorporating and operating the modern techniques and equipment of the ceramic industries.

The demand for ceramic engineers has not been satisfied by American Colleges for many years including the years of the last depression. The curriculum in Ceramic Engineering is offered with the aim of partially supplying the demand for ceramic engineers in this region and providing trained engineers for the development of the latent resources of South Carolina.

The curriculum in Ceramic Engineering leads to the degree of Bachelor of Ceramic Engineering. The course is based on a thorough study of the sciences of chemistry, physics and mathematics. Advanced courses are designed to apply these fundamental sciences to Ceramic Engineering. A knowledge is required of the fundamentals of civil, electrical, and mechanical engineering. Extensive work is required in mechanical drawing. The need for a knowledge of the identification and occurrence of the numerous ceramic raw materials is satisfied with courses in geology, mineralogy and petrography. In the Ceramic Engineering courses, emphasis is placed on the processes of manufacture common to all the ceramic industries while the more advanced courses are concerned with the characteristics peculiar to specific classifications of the ceramic industries. The course in plant design offered in the senior year requires the application of principles acquired in previous courses. The Ceramic Engineering student may choose certain elective courses from the humanistic and social subjects.

An excellent ceramic laboratory has been equipped to demonstrate all the processes of ceramic manufacturing, including beneficiation of ores and clays, grinding and crushing materials, mixing and blending raw materials, forming the materials into various shapes, and drying and firing the prepared objects. Equipment for the control of industrial processes is studied and tests are made to determine the quality of various ceramic products. Well-equipped laboratories are available for research on raw materials and problems of ceramic industries in South Carolina.

Ceramic Engineering graduates find employment as plant executives, research engineers, plant-control engineers, sales engineers, product control engineers, plant designers and constructors, equipment manufacturers, consulting engineers, and ceramic chemists and technologists.

CERAMIC ENGINEERING

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Surveying	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 104 M. S. & T.—Basic	1	(2,0)
	17			17	

Sophomore Year

Chem 215 Qual. Analysis	4	(2,6)	Cr En 202 Ceramic Materials	2	(2,0)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Chem 216 Quan. Analysis	4	(2,6)
Geol 406 Engr. Geology	3	(3,0)	Engl 204 Survey of Engl. Lit.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 204 M. S. & T.—Basic	1	(2,0)
	21			20	

Junior Year

Cr En 301 Drying & Firing	5	(3,6)	Chem 336 Physical Chemistry	5	(3,6)
Geol 306 Mineralogy	4	(3,3)	Geol 302 Optical Mineralogy	4	(3,3)
M E 305 Heat Power	3	(3,0)	M E 306 Heat Power	3	(3,0)
M E 308 Heat Power Lab.	1	(0,3)	M E 407 Mechanical Lab.	1	(0,3)
Mech 302 Statics	3	(3,0)	Mech 303 Kinetics	3	(3,0)
*Approved Elective	3		*Approved Elective	3	
	19			19	

Senior Year

Cr En 401 Silicates	5 (3,6)	Cr En 402 Refractories	3 (3,0)
Cr En 405 Plant Design	3 (0,9)	Cr En 404 Enamels	3 (3,0)
E E 303 Elec. Circuits & Machines	4 (3,3)	Cr En 406 Ceramic Project	2 (0,6)
Mech 304 Mech. of Matr.	3 (3,0)	Cr En 408 Plant Design	2 (0,6)
Mech 305 Mech. of Matr. Lab.	1 (0,3)	Engl 301 Public Speaking	3 (3,0)
*Approved Elective	2	Engl 302 Business Law	3 (3,0)
		*Approved Elective	3
	18		19

*Electives: A student who does not take advanced ROTC is required to take most, if not all, his electives from the humanistic social studies.

CHEMICAL ENGINEERING

The curriculum in Chemical Engineering is designed to give a sound training in Chemical Engineering for those who wish to enter the process industries. In addition to the direct work in Unit Operations and Unit Processes, a solid background of chemistry, mathematics, physics, and general engineering is provided. The ever changing and increasingly complex chemical industry demands a well trained, adaptive personnel. The rule-of-thumb methods of the turn of the century are no longer adequate for the chemical engineer's principal tasks, design and operation of process plants and converting the discoveries of the research laboratory into industrial reality.

Chemical Engineering graduates are principally employed in direct manufacturing, research and development work, technical service, and in the sales divisions of chemical and allied industrial organizations.

CHEMICAL ENGINEERING

Freshman Year

First Semester		*Second Semester*	
Chem 103 General Chemistry	4 (3,3)	Chem 104 General Chemistry	4 (3,3)
D D 105 Engr. Drawing	2 (0,6)	C E 101 Intro. Surveying	2 (1,3)
Engl 101 Comp. and Lit.	3 (3,0)	or In En 101 Metal Processes	2 (0,6)
In En 101 Metal Processes	2 (0,6)	D D 106 Engr. Drawing	2 (0,6)
or C E 101 Intro. Surveying	2 (1,3)	Engl 102 Comp. and Lit.	3 (3,0)
Math 103 Freshman Math.	5 (5,0)	Math 104 Freshman Math.	5 (5,0)
M S 101 Military Drill	0 (0,3)	M S 102 Military Drill	0 (0,3)
M S 103 M. S. & T. Basic	1 (2,0)	M S 104 M. S. & T.—Basic	1 (2,0)
	17		17

Sophomore Year

Chem 215 Qual. Analysis	4 (2,6)	Ch En 202 Intro. to Chem. Engr.	3 (3,0)
Engl 203 Survey of Engl. Lit.	3 (3,0)	Chem 216 Quan. Analysis	4 (2,6)
In En 201 Metal Processes	2 (0,6)	Engl 204 Survey of Engl. Lit.	3 (3,0)
Math 203 Diff. Calculus	5 (5,0)	Math 204 Integral Calculus	5 (5,0)
Phys 211 G. Phys. for Engr.	4 (4,0)	Phys 212 G. Phys. for Engr.	4 (4,0)
Phys 213 Gen. Phys. Lab.	1 (0,3)	Phys 214 Gen. Phys. Lab.	1 (0,3)
M S 201 Military Drill	0 (0,3)	M S 202 Military Drill	0 (0,3)
M S 203 M. S. & T.—Basic	1 (2,0)	M S 204 M. S. & T.—Basic	1 (2,0)
	20		21

Junior Year

Ch En 301 Prin. Chem. Engr.	3	(3,0)	Ch En 302 Prin. Chem. Engr.	3	(3,0)
Ch En 305 Unit Operations	1	(0,3)	Ch En 306 Unit Operations	1	(0,3)
Chem 221 Organic Chemistry	5	(3,6)	Chem 222 Organic Chemistry	5	(3,6)
Chem 331 Physical Chemistry	3	(3,0)	Chem 332 Physical Chemistry	3	(3,0)
Chem 333 Phys. Chem. Lab.	2	(0,6)	Chem 334 Phys. Chem. Lab.	2	(0,6)
Mech 302 Statics	3	(3,0)	Mech 303 Kinetics	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	20			20	

Senior Year

Ch En 401 Prin. Chem. Engr.	3	(3,0)	Ch En 404 Chem. Industries	3	(3,0)
Ch En 403 Chem. Industries	3	(3,0)	Ch En 406 Ind. Chem. Calc.	2	(2,0)
Ch En 405 Unit Operations	2	(0,6)	Ch En 410 Plant Design	2	(0,6)
Ch En 409 Plant Design	2	(0,6)	Ch En 412 Thesis	3	(0,9)
Ch En 415 Ch. En. Seminar	0	(1,0)	Ch En 416 Ch. En. Seminar	0	(1,0)
E E 303 Elec. Circuits & Mach.	4	(3,3)	M E 302 Mech. Engr.	3	(3,0)
M S 401 Military Drill	0	(0,3)	M E 304 Mech. Engr. Lab.	1	(0,3)
Approved Electives	4		M S 402 Military Drill	0	(0,3)
			Approved Elective	3	
	18			17	
Suggested Electives:			Suggested Electives:		
Chem 431 Colloid Chemistry	2	(2,0)	Chem 432 Colloid Chemistry	2	(2,0)
Econ 201 Prin. of Economics	3	(3,0)	Econ 202 Prin. of Economics	3	(3,0)
Econ 301 Labor Problems	3	(3,0)	Econ 302 Money and Banking	3	(3,0)
Econ 401 Accounting	3	(3,0)	Elective English	3	(3,0)
Elective English	3	(3,0)	Gov 43 Internat'l. Relat.	2	(2,0)
Hist 303 Hist. of Civ.	3	(3,0)	Hist 304 Hist. of Civ.	3	(3,0)
Modern Language	3	(3,0)	Modern Language	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)	Phys 452 Atom and Nucl. Ph.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)	Psych 302 Social Psychology	3	(3,0)
Psych 301 Gen. Psychology	3	(3,0)	Soc 301 Intro. Sociology	3	(3,0)

CIVIL ENGINEERING

The Civil Engineering curriculum is intended to prepare young men for entrance into professional practice in Civil Engineering and also to meet the needs of those who, having been engaged in engineering work without a course of instruction in the technical details thereof, desire to equip themselves for more successful competition with those who have had the benefit of such instruction.

In connection with the technical studies, liberal training is given in English, economics, mathematics, physics and chemistry. This course also embraces a considerable amount of drawing and shop work and short courses in electrical engineering and mechanical engineering.

The distinctive work pursued by students in Civil Engineering includes: the field and office work of land surveying, topographic surveying and mapping, and leveling; the location and construction of railroads and highways; bridges, and other

related structures; the investigation of the strength of the materials of construction and the theories involved in their use; masonry construction, including reinforced concrete; foundations; a study of soil mechanics and a laboratory course in soil analysis; a particular study of highway engineering, including a laboratory course covering all the standard tests of highway materials, both bituminous and non-bituminous; municipal and sanitary engineering, which includes the study of bacteriology, water supply, sewerage and drainage; and a brief study of engineering law relating to contracts and specifications.

Positions held by Civil Engineering graduates include resident engineer, engineer in charge of flood control, bridge designer, construction superintendent, city engineer, railroad maintenance and construction engineer, and also such positions as Testing Engineer, State Highway Engineer, and Chief Highway Commissioner.

A summer surveying camp between the sophomore and junior years is normally an integral part of the course in Civil Engineering, but this feature was suspended during the war, and has not yet been reinstated.

CIVIL ENGINEERING

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Surveying	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 104 M. S. & T.—Basic	1	(2,0)
	17			17	

Sophomore Year

C E 201 Surveying	2	(2,0)	C E 202 Surveying	2	(2,0)
C E 203 Topog. Survey. & Map.	1	(0,3)	Engl 204 Survey of Engl. Lit.	3	(3,0)
C E 205 C. E. Problems	2	(1,3)	Math 204 Integral Calculus	5	(5,0)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Mech 302 Statics	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Mech 306 Graphic Statics	1	(0,3)
Phys 211 G. Phys. for Engr.	4	(4,0)	Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)	Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 204 M. S. & T.—Basic	1	(2,0)
	19			20	

C E 300 Summer Surveying Camp 2

Junior Year

C E 305 Route Surveying	3 (3,0)	C E 306 Roads & Pavements	4 (3,3)
C E 309 Stress Analysis	2 (0,6)	C E 310 Elementary Design	2 (0,6)
Econ 201 Prin. of Economics	3 (3,0)	Engl 301 Public Speaking	3 (3,0)
E E 303 Elec. Circuits & Mach.	4 (3,3)	Geol 406 Engr. Geology	3 (3,0)
Mech 304 Mech. of Matr.	3 (3,0)	M E 302 Mech. Engr.	3 (3,0)
Mech 305 Mech. Matr. Lab.	1 (0,3)	M E 304 Mech. Engr. Lab.	1 (0,3)
M S 301 Military Drill	0 (0,3)	M S 302 Military Drill	0 (0,3)
Approved Elective	3	Approved Elective	3
	19		19

Senior Year

C E 401 Structural Design	3 (2,3)	Bact 406 Sanitary Bact.	3 (3,0)
C E 405 Road Lab.	1 (0,3)	Bact 408 San. Bact. Lab.	1 (0,3)
C E 409 Reinf. Concrete	4 (3,3)	C E 402 Structural Analysis	2 (2,0)
C E 415 Soil Mechanics	3 (2,3)	C E 406 Road Lab.	1 (0,3)
Mech 401 Fluid Mechanics	3 (3,0)	C E 410 Mun. & San. Engr.	5 (5,0)
Mech 403 Fluid Mech. Lab.	1 (0,3)	C E 416 Contracts	2 (2,0)
M S 401 Military Drill	0 (0,3)	M S 402 Military Drill	0 (0,3)
Approved Elective	3	Technical Elective	2
		Approved Elective	3
	18		19

Suggested Electives:		Suggested Electives:	
C E 417 City Planning	2 (2,0)	C E 452 Adv. Struct. Anal.	2 (2,0)
Econ 301 Labor Problems	3 (3,0)	Econ 202 Prin. of Economics	3 (3,0)
Econ 401 Accounting	3 (3,0)	Econ 302 Money and Banking	3 (3,0)
Hist 303 Hist. of Civ.	3 (3,0)	Hist 304 Hist. of Civ.	3 (3,0)
In En 205 Constr. Materials	2 (2,0)	In En 302 Welding	2 (1,3)
Math 305 Intermediate Calc.	3 (3,0)	Math 306 Ord. Diff. Equa.	3 (3,0)
Phys 301 Int. to Mod. Phys.	3 (3,0)	Mech 460 Hydrology	3 (3,0)
Phys 303 Exp. in Mod. Phys.	1 (0,3)	Mech 462 Water Power Engr.	3 (3,0)
Psych 301 Gen. Psychology	3 (3,0)	Phys 304 Descript. Astronomy	3 (3,0)
Religion	3 (3,0)	Psych 302 Social Psychology	3 (3,0)
		Religion	3 (3,0)
		Soc 301 Intro. Sociology	3 (3,0)

ELECTRICAL ENGINEERING

Engineering deals fundamentally with the control of the energies of nature. Electrical Engineering is that branch of engineering which embraces the conversion of primary energy into electrical form, the transmission and the application of this energy to innumerable devices designed for human service. Some of the more notable applications are domestic appliances, illumination, transportation, communication, and industry motorization.

The curriculum for students in Electrical Engineering contains a selected series of fundamental studies which enable the student to enter any division of the field of Electrical Engineering. In addition the curriculum includes a selected group of broadening and cultural studies.

The first two years are devoted largely to basic sciences and other subjects prerequisite to the general field of engineering. The work of the last two years is more specialized and embraces required and elective courses which are pertinent to the two

major fields, Power Engineering and Communication Engineering.

The theoretical courses in science and engineering are paralleled and reinforced by strong laboratory courses through which the student may make his own determinations of the characteristics of engineering materials and machines and other electrical devices. The laboratories are well equipped for this work.

The entire course is directed toward the development of initiative and self-reliance, so that the student may enter his chosen field with reasonable hope of usefulness and success.

ELECTRICAL ENGINEERING

Freshman Year

First Semester			*Second Semester*		
Chem 101 General Chemistry	4	(3,3)	Chem 102 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)	C E 101 Intro. Surveying	2	(1,3)
Engl 101 Comp. and Lit.	3	(3,0)	or In En 101 Metal Processes	2	(0,6)
In En 101 Metal Processes	2	(0,6)	D D 106 Engr. Drawing	2	(0,6)
or C E 101 Intro. Survey.	2	(1,3)	Engl 102 Comp. and Lit.	3	(3,0)
Math 103 Freshman Math.	5	(5,0)	Math 104 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)	M S 102 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)	M S 104 M. S. & T.—Basic	1	(2,0)
	17			17	

Sophomore Year

E E 211 Electric Circuits	3	(3,0)	E E 212 Electric Fields	3	(2,3)
Econ 201 Prin. of Economics	3	(3,0)	Engl 204 Survey of Engl. Lit.	3	(3,0)
or In En 201 Metal Processes	2	(0,6)	In En 201 Metal Processes	2	(0,6)
Engl 203 Survey of Engl. Lit.	3	(3,0)	or Econ 201 Prin. of Econ.	3	(3,0)
Math 203 Diff. Calculus	5	(5,0)	Math 204 Integral Calculus	5	(5,0)
Phys 212 G. Phys. for Engr.	4	(4,0)	Phys 211 G. Phys. for Engr.	4	(4,0)
Phys 214 Gen. Phys. Lab.	1	(0,3)	Phys 213 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)	M S 202 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 204 M. S. & T.—Basic	1	(2,0)
	20 or 19			19 or 20	

Junior Year

E E 311 D. C. Machinery	4	(3,3)	E E 316 A. C. Circuits	4	(3,3)
E E 315 A. C. Circuits	3	(3,0)	E E 320 Electronics	4	(3,3)
Engl 301 Public Speaking	3	(3,0)	M E 306 Heat Power	3	(3,0)
M E 305 Heat Power	3	(3,0)	M E 308 Heat Power Lab.	1	(0,3)
Mech 302 Statics	3	(3,0)	Mech 303 Kinetics	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			18	

Senior Year

E E 411 A. C. Machinery	5	(3,6)
E E 415 Advanced Circuits	3	(3,0)
Hist 301 U. S. since 1865	3	(3,0)
M E 407 Mechanical Lab.	1	(0,3)
M S 401 Military Drill	0	(0,3)
Technical Elective	5	
Approved Elective	3	
	20	

E E 412 A. C. Machinery	4	(3,3)
M E 420 Administration	3	(3,0)
Mech 304 Mech. of Matr.	3	(3,0)
M S 402 Military Drill	0	(0,3)
Technical Elective	7	
Approved Elective	3	
	20	

Suggested Technical Electives:

E E 405 Electrical Design	1	(0,3)
E E 406 Electrical Design	1	(0,3)
E E 422 Elect. Distribution	2	(2,0)
E E 426 Elect. Transients	3	(2,3)
E E 427 Adv. A. C. Mach.	3	(3,0)
E E 431 Radio Communication	4	(3,3)
E E 432 Radio Communication	4	(3,3)
E E 433 Indus. Electronics	3	(2,3)
E E 436 Rad. & Wave Prop.	3	(2,3)
Math 306 Differential Equations	3	(3,0)
M E 411 Heat Power	3	(3,0)
M E 413 Heat Power Lab.	2	(0,6)
M E 426 Steam Turbines	3	(3,0)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)

Suggested General Electives:

Econ 202 Prin. of Econ.	3	(3,0)
Econ 301 Labor Problems	3	(3,0)
Econ 302 Money and Banking	3	(3,0)
Econ 401 Accounting	3	(3,0)
Elective English	3	(3,0)
Gov 43 Internat'l. Relations	2	(2,0)
Hist 303 Hist. of Civ.	3	(3,0)
Hist 304 Hist. of Civ.	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)
Psych 301 Gen. Psychology	3	(3,0)
Psych 302 Social Psychology	3	(3,0)
Soc 301 Intro. Sociology	3	(3,0)

MECHANICAL ENGINEERING

Mechanical Engineering deals largely with the production of power from prime sources of energy and the design of the wide variety of mechanisms involved in the production and use of this power and, therefore, necessitates a study of thermodynamics, mechanics, strength of materials, metallurgy, and hydraulics.

The economic aspects of all engineering are emphasized as much as possible and the program is conducted so as to encourage orderly habits of attack and analysis with the main emphasis on why rather than how.

Mechanical Engineering graduates work with the production of power from fuel and water, with the construction and operation of machines used in manufacturing, and with the operation of power industries and manufacturing plants. In addition to the power companies and large electric and manufacturing concerns where many graduates are employed, opportunities are numerous in the automotive, aeronautical, railroad, air conditioning and refrigeration industries. The vast power developments and manufacturing uses of power promise even greater opportunities for mechanical engineers.

MECHANICAL ENGINEERING

Freshman Year

First Semester

Chem 101 General Chemistry	4	(3,3)
D D 105 Engr. Drawing	2	(0,6)
Engl 101 Comp. and Lit.	3	(3,0)
In En 101 Metal Processes	2	(0,6)
or C E 101 Intro. Survey.	2	(1,3)
Math 103 Freshman Math.	5	(5,0)
M S 101 Military Drill	0	(0,3)
M S 103 M. S. & T.—Basic	1	(2,0)
	17	

Second Semester

Chem 102 General Chemistry	4	(3,3)
C E 101 Intro. Surveying	2	(1,3)
or In En 101 Metal Processes	2	(0,6)
D D 106 Engr. Drawing	2	(0,6)
Engl 102 Comp. and Lit.	3	(3,0)
Math 104 Freshman Math.	5	(5,0)
M S 102 Military Drill	0	(0,3)
M S 104 M. S. & T.—Basic	1	(2,0)
	17	

Sophomore Year

Engl 203 Survey of Engl. Lit.	3	(3,0)
In En 201 Metal Processes	2	(0,6)
or In En 202 Wood Proc.	2	(0,6)
Math 203 Diff. Calculus	5	(5,0)
M E 211 Mech. Engr.	2	(2,0)
M E 213 Engr. Problems	1	(0,3)
Phys 211 G. Phys. for Engr.	4	(4,0)
Phys 213 Gen. Phys. Lab.	1	(0,3)
M S 201 Military Drill	0	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)
	19	

Engl 204 Survey of Engl. Lit.	3	(3,0)
In En 202 Wood Processes	2	(0,6)
or In En 201 Metal Processes	2	(0,6)
Math 204 Integral Calculus	5	(5,0)
Mech 302 Statics	3	(3,0)
Phys 212 G. Phys. for Engr.	4	(4,0)
Phys 214 Gen. Phys. Lab.	1	(0,3)
M S 202 Military Drill	0	(0,3)
M S 204 M. S. & T.—Basic	1	(2,0)
	19	

Junior Year

D D 305 Kinematics of Mach.	2	(1,3)
Econ 201 Prin. of Economics	3	(3,0)
E E 307 D. C. Cir. & Mach.	4	(3,3)
M E 311 Heat Power	3	(3,0)
M E 313 Heat Power Lab.	1	(0,3)
Mech 303 Kinetics	3	(3,0)
M S 301 Military Drill	0	(0,3)
Approved Elective	3	
	19	

D D 306 Machine Design	2	(1,3)
E E 308 A. C. Cir. & Mach.	4	(3,3)
Engl 301 Public Speaking	3	(3,0)
M E 312 Heat Power	3	(3,0)
M E 314 Heat Power Lab.	1	(0,3)
Mech 304 Mech. of Matr.	3	(3,0)
M S 302 Military Drill	0	(0,3)
Approved Elective	3	
	19	

Senior Year

Hist 301 U. S. since 1865	3	(3,0)
M E 411 Heat Power	3	(3,0)
M E 413 Heat Power Lab.	2	(0,6)
M E 417 Design	2	(1,3)
Mech 401 Fluid Mechanics	3	(3,0)
Mech 403 Fluid Mech. Lab.	1	(0,3)
M S 401 Military Drill	0	(0,3)
Technical Elective	3	
Approved Elective	3	
	20	

In En 402 Metallurgy	3	(3,0)
M E 412 Heat Power	3	(3,0)
M E 414 Heat Power Lab.	2	(0,6)
M E 418 Design	2	(1,3)
M E 420 Administration	3	(3,0)
M S 402 Military Drill	0	(0,3)
Technical Elective	4	
Approved Elective	3	
	20	

Technical Electives:

C E 309 Stress Analysis	2	(0,6)
M E 421 Gas Engines	3	(3,0)
M E 423 Gas Engine Design	1	(0,3)
M E 429 Heating and Vent.	2	(2,0)
M E 431 Heat. & Vent. Des.	1	(0,3)
M E 433 Elem. Aerodynamics	2	(2,0)
Mech 460 Hydrology	3	(3,0)
Mech 462 Water Power Engr.	3	(3,0)

General Electives:

Econ 301 Labor Problems	3	(3,0)
Econ 401 Accounting	3	(3,0)
Hist 303 Hist. of Civ.	3	(3,0)
Math 305 Intermediate Calc.	3	(3,0)
Math 453 Advanced Calculus	3	(3,0)
Phys 301 Int. to Mod. Phys.	3	(3,0)
Phys 303 Exp. in Mod. Phys.	1	(0,3)
Psych 301 Gen. Psychology	3	(3,0)
T M 401 Textile Costing	5	(3,6)
T M 403 Textile Management	3	(3,0)
T M 454 Time Study	3	(2,3)

Technical Electives:

E E 320 Electronics	4	(3,3)
M E 426 Steam Turbines	3	(3,0)
M E 428 Steam Turbine Design	1	(0,3)
M E 430 Air Conditioning	2	(2,0)
M E 432 Air Cond. Des.	1	(0,3)
M E 434 Refrigeration	2	(2,0)

General Electives:

Econ 202 Prin. of Economics	3	(3,0)
Econ 302 Money and Banking	3	(3,0)
Elective English	3	(3,0)
Hist 304 Hist. of Civ.	3	(3,0)
Math 306 Ord. Diff. Equa.	3	(3,0)
Math 454 Advanced Calculus	3	(3,0)
Phys 452 Atom and Nucl. Ph.	3	(3,0)
Psych 302 Social Psychology	3	(3,0)
Rel 201, 203 or 305	3	(3,0)
Soc 301 Intro. Sociology	3	(3,0)
T M 101 Intro. to Textiles	3	(2,3)

SCHOOL OF TEXTILES

The great majority of the textile corporations which produce textiles on the cotton system are now located in the Southeastern States, centering in South Carolina and neighboring states. This makes Clemson College an appropriate institution for college training in this field.

There is always a demand for our graduates which far exceeds our supply. There is a trend in the demand for some graduates with training in the basic engineering sciences; therefore, the Textile Engineering course has been modified to meet this demand.

The Clemson Textile School now offers three courses leading to the degree of Bachelor of Science: Textile Chemistry, Textile Engineering, and Textile Manufacturing.

The Sirrine Foundation. The funds in this foundation have been contributed by the textile companies in the State and now total nearly $1,000,000, which figure is expected to be exceeded soon. The interest from this large fund is used exclusively for the School of Textiles at Clemson, primarily to improve the teaching staff. Under the present plans, the textile faculty is benefiting in three ways. (1) For all faculty members retiring with the rank of associate or full professor, the retirement payments by the State are enhanced to 85% of the member's full salary (to 100% for heads of departments). (2) The foundation contributes half of the salary for an extra professor in each of three departments. These extra personnel have research projects but take classes for short periods to enable the regular teachers to visit mills, attend conferences, etc. (3) The foundation greatly increases the travel funds to aid the visitation and study of the mills in the State. Plans for the use of additional funds are to be announced later.

TEXTILE CHEMISTRY

The work of textile chemists includes the various phases of textile coloring, bleaching, printing, dyeing, and finishing of textile yarns and fabrics, as well as the manufacture and sale of dyestuffs. Graduates have positions such as bleachery chemist, dye foreman, designer, laboratory chemist, textile chemist, research assistant, and sales representative.

TEXTILE CHEMISTRY

Freshman Year

First Semester		*Second Semester*	
Chem 103 General Chemistry	4 (3,3)	Chem 104 General Chemistry	4 (3,3)
D D 105 Engr. Drawing	2 (0,6)	D D 106 Engr. Drawing	2 (0,6)
Engl 101 Comp. and Lit.	3 (3,0)	Engl 102 Comp. and Lit.	3 (3,0)
Gov 101 Am. Nat'l. Gov't.	3 (3,0)	Math 104 Freshman Math.	5 (5,0)
Math 103 Freshman Math.	5 (5,0)	T M 101 Intro. to Textiles	3 (2,3)
M S 101 Military Drill	0 (0,3)	M S 102 Military Drill	0 (0,3)
M S 103 M. S. & T.—Basic	1 (2,0)	M S 104 M. S. & T.—Basic	1 (2,0)
	18		18

Sophomore Year

Chem 215 Qual. Analysis	4 (2,6)	Chem 216 Quan. Analysis	4 (2,6)
Engl 203 Survey of Engl. Lit.	3 (3,0)	Econ 201 Prin. of Economics	3 (3,0)
Math 203 Diff. Calculus	5 (5,0)	Engl 204 Survey of Engl. Lit.	3 (3,0)
Phys 201 General Physics	3 (3,0)	Math 204 Integral Calculus	5 (5,0)
Phys 203 Gen. Phys. Lab.	1 (0,3)	Phys 202 General Physics	3 (3,0)
W D 201 Fabric Design	3 (2,3)	Phys 204 Gen. Phys. Lab.	1 (0,3)
M S 201 Military Drill	0 (0,3)	M S 202 Military Drill	0 (0,3)
M S 203 M. S. & T.—Basic	1 (2,0)	M S 204 M. S. & T.—Basic	1 (2,0)
	20		20

Junior Year

Chem 331 Physical Chemistry	3 (3,0)	Chem 332 Physical Chemistry	3 (3,0)
Chem 333 Phys. Chem. Lab.	2 (0,6)	Chem 334 Phys. Chem. Lab.	2 (0,6)
Engl 301 Public Speaking	3 (3,0)	Engl 32 Business Law	2 (2,0)
T C 305 Textile Chemistry	4 (4,0)	T C 306 Textile Chemistry	4 (4,0)
T C 307 Tex. Chem. Lab.	1 (0,3)	T C 308 Tex. Chem. Lab.	1 (0,3)
Y M 305 Cotton Marketing	1 (0,3)	M S 302 Military Drill	0 (0,3)
M S 301 Military Drill	0 (0,3)	*Approved Electives	7
*Approved Elective	3		
	17		19

Senior Year

Chem 431 Colloid Chemistry	2 (2,0)	Chem 432 Colloid Chemistry	2 (2,0)
T C 410 Color Match. & Test.	1 (0,3)	T C 442 Thesis	2 (0,6)
T C 447 Chem. Proc. Tex.	4 (4,0)	T C 452 Chem. Proc. Tex.	4 (4,0)
T C 449 Ch. Pr. Tex. Lab.	1 (0,3)	T C 454 Ch. Pr. Tex. Lab.	1 (0,3)
T C 455 Cellulose Chem.	3 (3,0)	T C 456 Syn. Fbrs. & Fin.	2 (2,0)
T M 462 Textile Microscopy	2 (1,3)	T M 454 Time Study	3 (2,3)
T M 464 Phys. Tex. Testing	2 (1,3)	M S 402 Military Drill	0 (0,3)
M S 401 Military Drill	0 (0,3)	*Approved Elective	5
*Approved Elective	4		
	19		19

*Approved Electives:

Any courses beyond those required in Economics, Mathematics, Physics, Psychology, Religion, Sociology, and Textiles; any courses on the Junior-Senior level in Government and History except Gov 301; French or Spanish if four semesters completed; German if two semesters completed.

Other Suggested Electives:

Ag Ec 401 Statistics	3 (2,3)
Arch 409 Art Appreciation	3 (3,0)
Ch En 301 Prin. Chem. Engr.	3 (3,0)
Ch En 305 Unit Operations	1 (0,3)
Ch En 405 Unit Operations	2 (0,6)
Chem 401 Inorganic Chemistry	3 (3,0)
Chem 411 Adv. Quant. Anal.	3 (1,6)
E E 303 Elec. Circuits & Mach.	4 (3,3)
Ent 301 Elem. & Econ. Ent.	3 (2,3)
Ent 401 Econ. Entomology	3 (2,3)
Geog 301 Economic Geography	3 (3,0)

Other Suggested Electives:

Ag Ec 352 Public Finance	3 (3,0)
Ag Ec 502 Advanced Statistics	3 (2,3)
Ch En 302 Prin. Chem. Engr.	3 (3,0)
Ch En 306 Unit Operations	1 (0,3)
Ch En 406 Ind. Chem. Calc.	2 (2,0)
Chem 462 Technical Analysis	3 (1,6)
Chem 472 Organic Synthesis	4 (1,9)
Geog 302 Geopolitics	3 (3,0)
Geol 306 Mineralogy	4 (3,3)

Sophomore Year

Chem 220 Organic Chemistry	4	(3,3)	Ag Ec 201 Agric. Economics	3	(3,0)
Dairy 201 Dairying	3	(2,3)	Ag En 201 Farm Machinery	3	(2,3)
Engl 203 Survey of Engl. Lit.	3	(3,0)	Agron 202 Soils	3	(2,3)
Gov 101 Am. Nat'l. Gov't.	3	(3,0)	Engl 204 Survey of Engl. Lit.	3	(3,0)
Phys 201 General Physics	3	(3,0)	Hort 201 Gen. Horticulture	3	(2,3)
Phys 203 Gen. Phys. Lab.	1	(0,3)	Phys 202 General Physics	3	(3,0)
M S 201 Military Drill	0	(0,3)	Phys 204 Gen. Phys. Lab.	1	(0,3)
M S 203 M. S. & T.—Basic	1	(2,0)	M S 202 Military Drill	0	(0,3)
			M S 204 M. S. & T.—Basic	1	(2,0)
	18			20	

Junior Year

Ag Ec 301 Rural Sociology	3	(3,0)	Ag En 205 Farm Mechanics	3	(2,3)
Ag En 301 Soil Conservation	3	(2,3)	Agron 302 Genetics	3	(2,3)
Agron 301 Fertilizers	3	(3,0)	A H 301 Feeds and Feeding	3	(3,0)
Educ 301 Intro. to Educ.	3	(3,0)	Bact 301 Gen. Bacteriology	3	(3,0)
P H 301 Farm Poultry	3	(3,0)	Bact 303 Gen. Bact. Lab.	1	(0,3)
P H 303 Farm Poul. Lab.	1	(0,3)	Educ 302 Educ. Psychology	3	(3,0)
M S 301 Military Drill	0	(0,3)	M S 302 Military Drill	0	(0,3)
Approved Elective	3		Approved Elective	3	
	19			19	
Suggested Electives:			Suggested Electives:		
A H 310 Pork Production	2	(2,0)	Ag Ec 460 Agric. Finance	3	(3,0)
A H 314 Pork Prod. Lab.	1	(0,3)	For 304 Farm Forestry	2	(2,0)
Ent 301 Elem. & Econ. Ent.	3	(2,3)	For 306 Farm For. Lab.	1	(0,3)
Hort 305 Plant Propagation	3	(2,3)	Hort 306 Landscape Design	2	(2,0)
M S M. S. & T.—Adv.	3	(4,0)	Hort 308 Landsc. Des. Lab.	1	(0,3)
			M S M. S. & T.—Adv.	3	(4,0)

Senior Year

Arch 409 Art Appreciation	3	(3,0)	Ag Ec 302 Farm Management	4	(3,3)
Bot 401 Plant Pathology	2	(2,0)	Educ 404 Directed Teaching	3	(0,9)
Bot 403 Plant Path. Lab.	1	(0,3)	Educ 422 Prob. in Adult Educ.	3	(3,0)
Educ 401 Meth. in Ag. Ed.	3	(3,0)	Hort 464 Food Preservation	3	(2,3)
Educ 403 Directed Teaching	3	(0,9)	Music 402 Music Appreciation	3	(3,0)
Engl 301 Public Speaking	3	(3,0)	M S 402 Military Drill	0	(0,3)
M S 401 Military Drill	0	(0,3)	Approved Elective	3	
Approved Elective	3				
	18			19	
Suggested Electives:			Suggested Electives:		
Ag Ec 309 Marketing	3	(2,3)	Ent 406 Beekeeping	3	(2,3)
Dairy 309 Nutrition	3	(3,0)	Hort 452 Commrcl. Pomology	3	(2,3)
Hort 456 Truck Crops	3	(2,3)	M S M. S. & T.—Adv.	3	(4,0)
M S M. S. & T.—Adv.	3	(4,0)	V S 402 Animal Diseases	3	(2,3)
V S 401 Anat. & Physiology	3	(2,3)			

DESCRIPTION OF COURSES

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

Mr. Aull

Mr. Ferrier	Mr. Peterson	Mr. Bauknight
Mr. Husmann	Mr. Stepp	Mr. Boyd

Ag Ec 201—Introduction to Agricultural Economics—3 cr. (3 and 0)

A study of the economics of agricultural production and marketing and of the economic principles that are important in analyzing economic phenomena having direct or indirect effects upon the incomes and living standards of farm people.

Agricultural Economics Staff

Ag Ec 301—Rural Sociology—3 cr. (3 and 0)

A study of human relations as modified by life in the country, including a consideration of the farm family, its housing, health, schooling, recreational opportunities, relation to land, and other related topics.

Mr. Boyd

Ag Ec 302—Farm Management—4 cr. (3 and 3)

A study of business principles underlying the organization and operation of individual farms. Such factors as proper balance between enterprises and use of sound agronomic principles are considered from the viewpoint of continuous profits. *Prerequisite*: Ag Ec 201

Mr. Husmann Mr. Bauknight

Ag Ec 305—Farm Accounting—2 cr. (1 and 3)

Double-entry bookkeeping is stressed in the foundation of this course. Study is then made of special journals, simplifications for farm record keeping, farm inventories, farm budgets, interpretation of financial statements and the factor method of farm business analysis.

Mr. Ferrier

Ag Ec 309—Agricultural Marketing—3 cr. (2 and 3)

Examination is made of the characteristics of demand for and supply of farm products and the marketing system which brings them together,

the changes which are taking place in marketing, and ways and means of narrowing the spread between farm and retail prices. *Prerequisite*: Ag Ec 201 or Econ 201 and Econ 202.

Mr. Ferrier

Ag Ec 352—Public Finance—3 cr. (3 and 0)

A study of the principles of financing government, sources of public revenue, objects of public expenditure, problems of fiscal administration, and the application of fiscal policies in stabilizing the national economy.

Mr. Aull

Ag Ec 356—Agricultural-Industrial Relations—3 cr. (3 and 0)

A study of the ways in which and the degrees to which agriculture and industry are dependent upon each other for sound economic prosperity and development, and of the effects upon agriculture of various types of activities in other segments of the national and international economy. *Prerequisite*: Ag Ec 201 or Econ 201 and 202.

Mr. Stepp

Ag Ec 401—Statistics—3 cr. (2 and 3)

An elementary course dealing with organization and presentation of statistical data, measures of central tendency, sampling, and the usual statistical tests of significance and reliability.

Mr. Peterson

Ag Ec 405—Seminar—1 cr. (1 and 0)

An examination of the relation of economics and sociology to specific problems. *Prerequisite*: Senior standing and major in Agricultural Economics.

Mr. Aull and Staff

Ag Ec 406—Seminar—1 cr. (1 and 0)

A continuation of Ag Ec 405.

Mr. Aull and Staff

Ag Ec 451—Economics of Cooperation—3 cr. (3 and 0)

A study of the principles governing cooperative business enterprise and methods of applying these principles to purchasing, selling, processing,

and financing in agriculture. Major emphasis is placed upon the possibilities and limitations of cooperation in increasing the incomes of farmers or rendering them better services for their money. *Prerequisite*: Ag Ec 201 or Econ 201 and Econ 202.

Mr. Ferrier

Ag Ec 452—Agricultural Policy—3 cr. (3 and 0)

A critical examination of government policies and programs affecting agriculture.

Mr. Aull

Ag Ec 455—International Trade—3 cr. (3 and 0)

A study of the principles governing interregional and international trade. Attention is devoted to competition between regions and nations, to regulatory and monetary measures that promote or retard the flow of trade, to the causes and effects of regional and national differences in incomes and levels of living, to the domestic and international effects of various monetary and credit policies, and to the effects of monopoly and government restrictions upon the international price structure of various commodities. *Prerequisite*: Permission of the instructor.

Mr. Stepp

Ag Ec 456—Prices—3 cr. (3 and 0)

A study of the factors affecting prices of farm products and the adjustments necessary to meet price changes, including such topics as prices of farm products in relation to agricultural and industrial conditions, measures of value, parity price concept, and price movements. *Prerequisite*: Ag Ec 201 or Econ 201 and 202, and permission of instructor.

Mr. Peterson

Ag Ec 459—Rural Community Organization—3 cr. (3 and 0)

A study of the structure of rural society—what makes it function smoothly; what prevents it from performing in the manner which might be desired.

Mr. Boyd

Ag Ec 460—Agricultural Finance—3 cr. (3 and 0)

A critical study of the financial needs of agriculture and of the organization, functions and interrelationships of agencies developed to meet these needs. *Prerequisite*: Ag Ec 201 or Econ 201 and Econ 202.

Mr. Ferrier

Ag Ec 501—Advanced Farm Management—3 cr. (2 and 3)

Study and appraisal of methods of assembling and analyzing information concerning the business of farming. *Prerequisite*: Ag Ec 302 and Ag Ec 401.

Mr. Husmann

Ag Ec 502—Advanced Statistics—3 cr. (2 and 3)

A study of methods used in collecting, analyzing and presenting statistical data, with special emphasis upon economic and sociological problems. *Prerequisite*: Ag Ec 401 or permission of instructor.

Mr. Peterson

Ag Ec 503—Land Economics—3 cr. (3 and 0)

A study of characteristics of land and its relation to population, utilization and public policies.

Mr. Husmann

Ag Ec 504—Farmers' Movements—3 cr. (3 and 0)

An examination of the efforts of farmers to organize for the improvement of agriculture and other rural concerns. Beginning with the first local agricultural society, the development of this movement is followed through the period of the Civil War. After 1865, the Grange, Farmers' Alliance, etc., are studied in their chronological order.

Mr. Boyd

Ag Ec 505—Economic Theory—3 cr. (3 and 0)

A review of economic principles, a study of the use of theory in the analysis of economic problems, and an appraisal of recent developments in capitalistic economic theory.

Mr. Stepp

Ag Ec 506—Research Methodology—1 cr. (1 and 0)

A critical examination and appraisal of methods and procedures used in economic and social investigations.

Mr. Aull

Ag Ec. 507—Agricultural Marketing Problems—3 cr. (3 and 0)

A study of special problems involved in marketing southern fruits,

vegetables, livestock and livestock products. Students will undertake individual assignments in the field of their interest.

MR. FERRIER

AG EC 509—RESEARCH IN ECONOMIC PROBLEMS AFFECTING AGRICULTURE—3 cr.

AG EC 510—A CONTINUATION OF AG EC 509—3 cr.

AGRICULTURAL ENGINEERING

MR. NUTT

MR. MCADAMS MR. ARD MR. ROGERS
MR. RICHARDSON MR. LAW

AG EN 201—FARM MACHINERY—3 cr. (2 and 3)

Construction, adjustment, operation, maintenance and adaptation of farm machinery. Special emphasis is given to production, harvesting and processing problems common to the Southeast.

MR. RICHARDSON MR. ARD MR. ROGERS

AG EN 203—AGRICULTURAL ENGINEERING PROBLEMS—3 cr. (2 and 3)

A course in which the student acquires certain skills in the use of all types of tools and equipment necessary for the care and maintenance of farm machines and farm structures.

MR. MCADAMS MR. ARD

AG EN 205—FARM MECHANICS—3 cr. (2 and 3)

To train students in the proper use and maintenance of hand shop tools commonly found on the farm. Principal topics: Measuring and marking, sawing, planing and smoothing, wood chisels and their use, boring and drilling holes, wood fastenings, painting, finishing, glazing, cutting rafters, sharpening tools, bench and vise work, bolt threading, pipe fitting, soldering and farm concrete work.

MR. MCADAMS

AG EN 301—SOIL CONSERVATION—3 cr. (2 and 3)

Causes, extent and control of erosion; uses of irrigation, layout, construction and maintenance of terrace systems; drainage, elementary surveying. A course for agricultural and vocational students.

MR. LAW

Ag En 304—Rural Electrification—3 cr. (2 and 3)

Distribution and utilization of electrical power on farms and rural areas. Special emphasis is given to adequate wiring and adaptation of electrical appliances to the farm home and in the production and primary processing of farm commodities. *Prerequisite*: E E 303.

Mr. Ard

Ag En 351—Farm Tractors—3 cr. (2 and 3)

History of the internal combustion engine, principles of operation, power and its measurements, valves, carburetion and fuel injection, ignition systems, engine cooling, clutches, transmissions, brakes, final drives, engine troubles and general repair. Tractor servicing and efficient operation in the field.

Mr. McAdams

Ag En 401—Soil and Water Conservation Engineering—3 cr. (2 and 3)

The causes, extent, and control of erosion. Embodies study of elementary meteorology and hydrology, critical runoffs, design and construction of water-control structures such as terraces, outlet channels, diversions, reservoirs, spillways, drainage systems. Recommended *prerequisite*: C E 101, Agron 202, and Mech 401.

Mr. Law

Ag En 402—Drainage and Irrigation—3 cr. (2 and 3)

Survey of areas for drainage rainfall and runoff, drainage requirements, design and construction of open ditch and tile systems. Gravity and sprinkler irrigation systems studied as well as water requirements and the use of pumps. *Prerequisite*: C E 101 and Mech 401.

Mr. Law

Ag En 406—Advanced Farm Machinery—3 cr. (2 and 3)

This course is designed for seniors majoring in agricultural engineering. Design, development, manufacturing, advertising and sales of farm machinery are considered. *Prerequisite*: Ag En 201 and 351.

Mr. Nutt

Ag En 409—Agricultural Engineering Seminar—1 cr. (1 and 0)

This course is provided to acquaint the student with research technique in the agricultural engineering field. *Prerequisite*: Senior standing in Agricultural Engineering.

Agricultural Engineering Staff

Ag En 410—Agricultural Engineering Seminar—1 cr. (1 and 0)

A continuation of Ag En 409.

Agricultural Engineering Staff

Ag En 451—Farm Structures—3 cr. (2 and 3)

This course is planned to develop within the student an appreciation and understanding of the problems involved in determining the functional requirements of farm structures for livestock, crop storage and processing, as well as the analysis and determination of structural requirements for various types of buildings. The use and workability of materials available for construction of farm buildings are also included. *Prerequisite*: M E 302 and 304.

Mr. Richardson

Ag En 452—Advanced Farm Structures—3 cr. (2 and 3)

A continuation of Ag En 451 with emphasis on farmstead arrangement and layout, design and evaluation of farm structure requirements, bills of materials and specifications. *Prerequisite*: Ag En 451

Mr. Richardson

AGRONOMY

Mr. Cooper
Mr. Collings — Mr. J. W. Jones — Mr. Shelley
Mr. C. M. Jones

Agron 101—Farm Crops—3 cr. (3 and 0)

A fundamental course in general field crops including the study of the origin, botanical characteristics, varieties, breeding, soil adaptation, fertilizer requirements, and cultural methods employed in the production of the most important field crops of South Carolina and the United States.

Mr. C. M. Jones

AGRON 202—SOILS—3 cr. (2 and 3)

A study of the basic principles of soil physics, soil fertility, and soil biology as they apply to the production of crops. The course deals with the soil as a reservoir for water, a medium for root development, a source of nutrients, and a home for organisms. *Prerequisite*: Chem 101 and 102.

MR. COLLINGS AND STAFF

AGRON 301—FERTILIZERS AND MANURES—3 cr. (3 and 0)

A study of the sources, mining and manufacturing, composition, physical characteristics, and use of fertilizers and manures. A detailed study is also made of crop responses to fertilizer use. *Prerequisite*: Agron 202

MR. COLLINGS

AGRON 302—GENETICS—3 cr. (2 and 3)

The purpose of this course is to instruct students in the basic principles of genetics. The principal topics studied include heredity and variation, laws of inheritance, physical basis of inheritance, origin of hereditary differences, and the inheritance of quantitative characters.

MR. J. W. JONES

AGRON 306—FORAGE CROPS—3 cr. (3 and 0)

A course dealing with the characteristics of the various forage crops, with emphasis being laid on those grown in this state. These crops are studied with special reference to their adaptations, growing, harvesting, composition, value and uses, and also with reference to their place in our cropping system. *Prerequisite*: Agron 101

MR. SHELLEY

AGRON 401—ADVANCED CROP LABORATORY—1 cr. (0 and 3)

A study of the laboratory procedures used in field crop laboratories, followed by a detailed study of the morphological characters, classification, and yielding capacities of important varieties of various farm crops. In addition, attention is given to the study of seed laws, market grades of grains, seed germination and purity tests, and weed identification.

MR. SHELLEY

AGRON 405—PLANT BREEDING—3 cr. (2 and 3)

The purpose of this course is to present the application of the basic principles of genetics to the improvement of crop plants. Principal topics studied include the genetic and cytogenetic bases of plant breeding, mode of reproduction in relation to breeding methods, technics in selfing and crossing, methods of breeding, inheritance in the major farm crops, and biometrical methods. *Prerequisite*: Agron 302

MR. J. W. JONES

AGRON 409—COTTON AND TOBACCO—3 cr. (3 and 0)

A study of the history, morphology, physiology, fertilization, cultivation, insect and disease control, varieties, breeding, harvesting, grading and marketing of American Upland cotton and flue cured tobacco. The two crops are studied separately, about half a semester being devoted to each. *Prerequisite*: Agron 101

MR. SHELLEY

AGRON 451—MINERAL NUTRITION OF PLANTS—2 cr. (2 and 0)

In this course attention is given to the nutrition of crop plants and the nutrient requirements of various soils for different crops.

MR. COOPER

AGRON 452—SOIL CLASSIFICATION, FERTILITY, AND MANAGEMENT—2 cr. (2 and 0)

An advanced study of soil composition, soil classification, and soil management practices. Attention is given to the subject of physical and chemical composition of the soil, influence of crop rotations and fertilizers on soil productivity, influence of various methods of tillage on crop yields, and a general study is made of those factors essential for the practical utilization of soils. *Prerequisite*: Agron 202, Agron 301, and Major in Agronomy

MR. COLLINGS

AGRON 454—ADVANCED SOIL LABORATORY—1 cr. (0 and 3)

A laboratory course designed to teach students laboratory technique and to make students proficient in making simple physical and chemical determinations of soils. *Prerequisite*: Agron 202

MR. COLLINGS

AGRON 455—SEMINAR—1 cr. (1 and 0)

A study of current agronomic topics of special interest in crop production appearing in recent scientific journals and other publications.

MR. COOPER AND STAFF

AGRON 456—SEMINAR—1 cr. (1 and 0)

A study of the latest published and available unpublished information concerning recent developments in the field of soil science. Topics for discussion are taken from latest published bulletins, reports, and professional magazines.

MR. COLLINGS

AGRON 457—INTRODUCTION TO RESEARCH AND THESIS—1 cr. (0 and 3)

The purpose of this course is to instruct students in the methods employed in attacking and solving an agronomic research problem. A suitable research problem is assigned each student for solution. The results of this study are presented in thesis form.

MR. COLLINGS

AGRON 458—INTRODUCTION TO RESEARCH AND THESIS—1 cr. (0 and 3)

A continuation of Agron 457.

MR. COLLINGS

AGRON 501—ADVANCED NUTRITION OF CROPS—3 cr.

A graduate course dealing with the relationships existing between the physical and chemical properties of the various nutrient elements and their absorption and utilization by plants.

MR. COOPER

AGRON 502—ADVANCED PEDOLOGY AND SOIL CLASSIFICATION—3 cr.

A graduate course dealing largely with the factors of soil formation and soil classification. A thorough study is made of such factors of soil formation as parent material, topography, climate, and organisms. Particular attention is given to the classification of Southeastern soils.

MR. COLLINGS

AGRON 503—ADVANCED CROP PRODUCTION—3 cr.

A graduate course dealing with specific problems commonly encountered in the production of crops in the Southeast. Major attention is given to the problems met with in the production of cotton, bright tobacco, corn and oats.

MR. COLLINGS

AGRON 504—ADVANCED PLANT BREEDING AND GENETICS—3 cr.

A graduate course designed to acquaint the student with the best methods now employed in the production and development of superior strains of plants. Visits will be made to neighboring plant breeding establishments and their methods will be observed.

MR. J. W. JONES

AGRON 505—RESEARCH—3 cr.

A graduate course in research methods.

MR. COLLINGS

AGRON 506—RESEARCH—3 cr.

A graduate course in research methods.

MR. COLLINGS

ANIMAL HUSBANDRY

MR. STARKEY

*MR. RITCHIE	*MR. HAUSER	MR. RICHARDSON
MR. COOK	*MR. GODLEY	MR. WHEELER

A H 101, 103—TYPES AND BREEDS—3 cr. (2 and 3)

A study of types, breeds, and market classes of beef cattle, horses, sheep, and swine. In laboratory the judging of farm animals is given considerable emphasis.

MR. WHEELER

A H 301—FEEDS AND FEEDING—3 cr. (3 and 0)

A study of feed nutrients, digestion, metabolism of feed stuffs, nutritive ratios, feeding standards, and the balancing of rations. *Prerequisite*: A H 101, 103 and Chem 220.

MR. COOK

*On leave

A H 303—Feeds and Feeding Laboratory—1 cr. (0 and 3)

Practical work in mixing and balancing rations and identifying feed stuffs. *Prerequisite*: A H 101, 103 and Chem 220

Mr. Cook

A H 306—Judging—1 cr. (0 and 3)

Judging classes of cattle, horses, sheep, and swine. An advanced course in the selection and judging of breeding and fat animals. *Prerequisite*: A H 101 and 103

Mr. Richardson

A H 310, 314—Pork Production—3 cr. (2 and 3)

Feeding, breeding, management, and marketing of hogs. Emphasis is placed on winter and summer forages, protein supplements, mineral mixtures, and sanitation. *Prerequisite*: A H 301

Mr. Starkey

A H 312—Breeds of Livestock—2 cr. (2 and 0)

A study of the origin, characteristics, and adaptability of the different breeds of livestock: beef cattle, swine, sheep and horses. *Prerequisite*: A H 101 and 103

Mr. Cook

A H 401, 403—Beef Production—3 cr. (2 and 3)

A study of the early history of beef production, beef production in foreign countries, relation of beef production to general farming, most profitable feeds for beef production, methods of breeding to improve beef cattle, and management of the purebred herd. *Prerequisite*: A H 301

Mr. Starkey

A H 402, 404—Horse and Sheep Production—4 cr. (3 and 3)

A study of the breeding, feeding, training, stabling, and care of horses. Also a study of the breeding, feeding, shearing, and marketing of sheep. The adaptability of breeds. Parasites and diseases. *Prerequisite*: A H 301

Mr. Richardson

A H 405—Advanced Judging—1 cr. (0 and 3)

A continuation of A H 306 designed for students who are interested in participating in judging contests or in receiving special training in the selection of breeding stock. *Prerequisite*: A H 306

Mr. Richardson

A H 406—Seminar—2 cr. (2 and 0)

Special problems in animal production. Each student is given a subject on which he makes weekly reports of progress before the seminar group. A thesis is required. *Prerequisite*: A H 301

Mr. Starkey

A H 451—Advanced Feeds—2 cr. (2 and 0)

A study of the relative values of the different feeds used in livestock production. The nutrient requirements of the different classes of livestock, and the digestible nutrients in our most common feeds. The balancing of rations for all classes of livestock. *Prerequisite*: A H 301

Mr. Starkey

A H 452, 454—Animal Breeding—3 cr. (2 and 3)

A study of the fundamental principles relating to the breeding and improvement of livestock including variation, heredity, selection, line-breeding, inbreeding, cross-breeding, breed analysis, and other related subjects. *Prerequisite*: Dairy 301 or Agron 302

Mr. Richardson

A H 455—Farm Meats—2 cr. (0 and 6)

A study of the selection and killing of meat animals and the cutting, curing, and preservation of farm meats. Also the production, judging, and consumption of farm meats. *Prerequisite*: A H 101 and 103

Mr. Wheeler

A H 456, 458—Advanced Meats—2 cr. (1 and 3)

A study of the retail and wholesale cuts of meat; the making of sausage and meat specialities; and meat hygiene. *Prerequisite*: A H 455

Mr. Wheeler

A H 501—Animal Histology—3 cr. (2 and 3)

This course is to acquaint the student with the microscopic structures of the tissues and organs of the animal body. The relation of histology to physiology and pathology is considered. *Prerequisite*: Zool 101 and 103

Animal Husbandry Staff

A H 502—Animal Husbandry Research—2 cr. (1 and 3)

Special problems conducted by the student, consisting of lectures, assignments, and laboratory.

Mr. Starkey

ARCHITECTURE

Mr. Gates

Mr. Shaw — Mr. Longstreet — Mr. Booker
Mr. St. Hubert — Mr. McMillin — Mr. McCulloch
Mr. Hodge — Mr. Petroff

Arch 101—Elements of Design—3 cr. (0 and 9)

This course embraces the elements of Architecture, in which an effort is made to give the beginner an accurate picture of his chosen profession and basic training in drafting and design. Brief study of the Orders, elementary study of building plans and details, descriptive geometry, shades, shadows and perspective, and training in presentation of work are included. The student is given an opportunity to develop correct form and proportion by application of conventional shades, shadows and principles of perspective by drafting board practice in casting of shades and shadows on architectural forms and problems in architectural perspective.

Mr. Hodge Mr. McCulloch

Arch 102—Architectural Design—2 cr. (0 and 6)

This course is a continuation of Arch 101 planned to begin the development of a sound approach to creative design. In it students study and learn to integrate the elements of simple buildings and to present their solutions clearly and effectively by architectural renderings. *Prerequisite*: Arch 101

Mr. Hodge Mr. McCulloch

ARCH 105—FREEHAND DRAWING—1 cr. (0 and 3)

To give the students a thorough working knowledge of the principles of freehand perspective, the perspective of circles and shading. Course includes study of mass, form, proportions and value with the mediums of pencil and charcoal. A sketching technique is stressed.

MR. HODGE

ARCH 106—FREEHAND DRAWING—2 cr. (0 and 6)

A continuation of Arch 105. Drawing and sketching in pencil and charcoal. Introduction to water color painting, the color wheel, washes and color study.

MR. HODGE

ARCH 201—ARCHITECTURAL DESIGN—4 cr. (0 and 12)

Design of simple building to develop in simplest term the basic elements of circulation, functional relationship of rooms and spaces and services, interior and exterior appearance. Development of vocabulary of form and of pencil indication through daily sketches. *Prerequisite*: Arch 102 and 106

MR. MCCULLOCH

ARCH 202—ARCHITECTURAL DESIGN—4 cr. (0 and 12)

A continuation of Arch 201.

MR. MCCULLOCH

ARCH 205—ELEMENTARY RENDERING—1 cr. (0 and 3)

To give thorough ground work in the presentation of architectural subjects related to design problems. Simple delineation will be stressed. *Prerequisite*: Arch 105.

MR. HODGE

ARCH 206—ADVANCED RENDERING—1 cr. (0 and 3)

A continuation of Arch 205.

MR. HODGE

ARCH 209—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

To acquaint the student with the development of architecture, from prehistoric to Romanesque time, as a problem both of construction and aesthetics. Influence of various geographic, geological, social, and psychological factors; structural problems and their solution, post and lintel, arch, vault, pendentive, dome; planning problems and their solution; temples, churches, public buildings; decorative problems and their solution, as revealed in the buildings of the Egyptian, Greek, Roman, Early Christian and Byzantine periods, are topics covered.

MR. ST. HUBERT

ARCH 210—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

A continuation of Arch 209. A study of the Romanesque period, its spread through western Europe as a system of building of great variety which preceded the organic Gothic of the Ile-de-France. The revival of classic form in Italy during the Renaissance, the spread of the Renaissance in England and France. *Prerequisite*: Arch 209

MR. ST. HUBERT

ARCH 301—ARCHITECTURAL DESIGN—6 cr. (0 and 18)

Problems involving planning, elevation and mass composition in Architecture. Work includes the planning of public buildings, with emphasis on function, studies in entourage, elements of landscape with relation to plan and elevation, interior architecture, indication and presentation sketch problems. *Prerequisite*: Arch 202

MR. PETROFF MR. MCMILLIN

ARCH 302—ARCHITECTURAL DESIGN—6 cr. (0 and 18)

A continuation of Arch 301.

MR. PETROFF MR. MCMILLIN

ARCH 305—WATER COLOR—1 cr. (0 and 3)

To acquaint the student with the fundamental principles. Brush drill, graded washes, value study, still life and outdoor sketching.

MR. HODGE MR. PETROFF

ARCH 306—ADVANCED WATER COLOR—1 cr. (0 and 3)

A continuation of Arch 305.

MR. HODGE MR. PETROFF

ARCH 309—HISTORY OF ARCHITECTURE—2 cr. (2 and 0)

To acquaint the student with the development of Architecture from the Renaissance period in France and England to modern time, as a problem both of construction and aesthetics and with the influence of various geological, social and psychological factors. The topics covered are: First, the Colonial period; a summary in North American architecture followed by a thorough study of the same period in South Carolina. Second, the National period; Classicism, Romanticism, Romanesque phase, classical phase, Gothic phase, Functionalism, beginning and development of modern architecture. *Prerequisite*: Arch 210

MR. ST. HUBERT

ARCH 315—BUILDING CONSTRUCTION—2 cr. (2 and 0)

To give the student a knowledge of materials used in building construction. The course is designed to trace the building material from its source as a raw material, through its manufacturing processes, and to its uses in the various types of buildings. Field inspection trips to manufacturing plants of building materials are a part of this course.

MR. BOOKER

ARCH 316—BUILDING CONSTRUCTION—2 cr. (2 and 0)

To familiarize the student with the construction of the small frame dwelling. The course begins with the selection of the site and embraces all the necessary steps and methods of construction necessary for the completion of this type of construction. Inspection trips to observe dwellings under construction are a part of this course.

MR. BOOKER

ARCH 317—WORKING DRAWINGS—2 cr. (1 and 3)

Drafting room practice. The student is required to make complete working drawings of a one story frame building.

MR. BOOKER

ARCH 318—WORKING DRAWINGS—2 cr. (1 and 3)

Drafting room practice. The student is required to make complete working drawings of a two story brick veneer building.

MR. BOOKER

ARCH 401—ARCHITECTURAL DESIGN—7 cr. (0 and 21)

The designing of complex buildings, site and group planning; analysis and development of the plan and design problem from its most elemental to its final form; and sketch problems. *Prerequisite*: Arch 302.

MR. GATES MR. SHAW

ARCH 402—ARCHITECTURAL DESIGN—7 cr. (0 and 21)

A continuation of Arch 401 to include advanced problems in design, elements of civic planning, composition of involved types of buildings or groups of building, housing, and landscaping.

MR. GATES MR. SHAW

ARCH 405—LIFE DRAWING—1 cr. (0 and 3)

To acquaint the student with the proportion and anatomy of the nude and draped figure. A course designed primarily for architectural students. Quick sketches of the nude for action and movement, longer studies of the nude and draped figure for tone values, composition, and light effects using charcoal as a medium. *Prerequisite*: Arch 306

MR. HODGE MR. PETROFF

ARCH 406—ARCHITECTURAL MODELING—1 cr. (0 and 3)

This course is designed to give the advanced student an opportunity for creative work in the field of model making. Scale models will be executed from working drawings for the study of mass, form, and typography.

MR. HODGE MR. PETROFF

ARCH 408—INDUSTRIAL DESIGN—1 cr. (0 and 3)

To give the student the fundamentals in design of simple pieces of furniture as worked out on the drafting table. The student is given practice in making detail drawings of chairs, tables, metal work. *Prerequisite*: D D 106

MR. LONGSTREET

ARCH 409—ART APPRECIATION—3 cr. (3 and 0)

To give the student a general idea of the field of art, to develop knowledge and taste through contact with the best examples. Principal topics covered are: Periods of styles of architecture, painting, sculpture, ornament, decorative and interior composition, furniture, given by lecture and lantern slides.

MR. ST. HUBERT

ARCH 410—HISTORY OF ART—3 cr. (3 and 0)

A course designed to give a fuller understanding of changing attitudes toward art and life. The arts of the past and present days are studied in relation to the social and cultural mediums out of which they grew; completed by a brief analysis of modern eccentricity in art.

MR. ST. HUBERT

ARCH 415—BUILDING DESIGN—2 cr. (2 and 0)

To give the student a working knowledge of reinforced concrete and steel structural systems. Course includes lectures accompanied by drafting in connection with the various structural details. Field trips to buildings of these types under construction are part of this course.

MR. LONGSTREET

ARCH 416—SPECIFICATIONS—2 cr. (2 and 0)

To give the student a general knowledge of the organization and development of specifications, in relation to working drawings, as prepared in the practicing architect's office. Course includes a final specification as a term paper.

MR. LONGSTREET

ARCH 417—WORKING DRAWINGS—2 cr. (0 and 6)

Drafting room practice. The student is required to make a complete set of architectural working drawings of reinforced concrete or steel framed building as prepared in the practicing architect's office.

MR. LONGSTREET

ARCH 418—WORKING DRAWINGS AND DETAILS—2 cr. (0 and 6)

A continuation of Arch 417 with emphasis on the addition of details such as door and window details, wall sections, and details of other parts of the building.

MR. LONGSTREET

ARCH 419—MECHANICAL PLANT—2 cr. (2 and 0)

To familiarize the student with the design and requirements of heating, lighting and sanitary systems in a building. Layout of hot air, hot water, and steam systems of heating; ventilation, electric lighting and plumbing for supply and drainage are required on drawings made in Arch 316 and 416. *Prerequisite*: Registration in Arch 415

MR. LONGSTREET

ARCH 420—PROFESSIONAL PRACTICE—1 cr. (1 and 0)

To familiarize the student with methods of practice of architecture and inculcate in him the high ethical ideals of the profession. Office management and organization, laws, codes, contracts, ethics, competitions, and documents of the American Institute of Architects are studied with emphasis on the business side of architecture.

MR. LONGSTREET

ARCH 425—BUILDING DESIGN—2 cr. (2 and 0)

To give the student a working knowledge of reinforced concrete and steel structural systems. Course includes lectures accompanied by drafting in connection with the various structural details. Field trips to buildings of these types under construction are part of this course.

MR. LONGSTREET

ARCH 426—SPECIFICATIONS—2 cr. (2 and 0)

To give the student a general knowledge of the organization and development of specifications, in relation to working drawings, as prepared in the practicing architect's office. Course includes a final specification as a term paper.

MR. LONGSTREET

ARCH 427—WORKING DRAWINGS—4 cr. (1 and 9)

Drafting room practice. The student is required to make a complete set of architectural working drawings of reinforced concrete or steel framed building as prepared in the practicing architect's office.

MR. LONGSTREET

ARCH 428—WORKING DRAWINGS AND DETAILS—4 cr. (1 and 9)

A continuation of Arch 427 with emphasis on the addition of details such as door and window details, wall sections, and details of other parts of the building.

MR. LONGSTREET

ARCH 431—ARCHITECTURAL DESIGN—8 cr. (0 and 24)

A continuation of Arch 402 with more advanced work, continued research and study. *Prerequisite*: Arch 402

MR. GATES

ARCH 432—ARCHITECTURAL DESIGN—8 cr. (0 and 24)

A continuation of Arch 431. Thesis required. The student writes his own program of the project. Complete design and working drawings required.

MR. GATES

ARCH 435—SEMINAR—1 cr. (0 and 3)

A course offered for the purpose of training prospective architects in assembling and presenting before the faculty formal papers and discussions of architectural interest.

STAFF

ARCH 436—SEMINAR—1 cr. (0 and 3)

A continuation of Arch 435.

STAFF

ARCH 439—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

To give the student an insight into the future of the profession which lies in the field of organic town design. The architecture of tomorrow is based on the fundamental fact that architecture is a social and organic art form with the aim of creating about men a culturally healthy environment.

MR. ST. HUBERT

ARCH 440—HISTORY OF ARCHITECTURE—3 cr. (3 and 0)

A continuation of Arch 439. To lead the student to perceive the whole of man's physical accommodation from the intimacy of the room to the very complex problem of the large metropolis, and learn to express by means of architectural language the way in which we live today in our homes, villages, towns and cities; to develop student's initiative. *Prerequisite*: Arch 439.

MR. ST. HUBERT

ARCH 445—BUILDING DESIGN—1 cr. (0 and 3)

Design of structural elements in the drafting room, entailing the use of reinforced concrete and steel in modern building construction. *Prerequisite*: Arch 415

MR. LONGSTREET

ARCH 446—BUILDING DESIGN—1 cr. (0 and 3)

A continuation of work in Arch 445. *Prerequisite*: Arch 445

MR. LONGSTREET

ARCH 447—CITY PLANNING—3 cr. (1 and 6)

Lectures and discussions, covering the history of town and city planning in Europe and America and a survey of the basic problems of present day planning. Problems of housing in urban and regional planning are worked on the drafting board.

MR. GATES

ARCH 448—CITY PLANNING—3 cr. (1 and 6)

A continuation of Arch 447.

MR. GATES

BACTERIOLOGY

MR. RUSH MR. VAN ESELTINE

BACT 301, 303—GENERAL BACTERIOLOGY—4 cr. (3 and 3)

Morphology, classification, distribution, cultivation, observation, and physiology of microorganisms; effects of organisms on their environment; microorganisms and health. *Prerequisite*: Bot 101, 103; Chem 101, 102

MR. RUSH MR. VAN ESELTINE

BACT 402, 404—DAIRY BACTERIOLOGY—3 cr. (2 and 3)

Bacterial counts on milk, milk fermentations, contamination of milk and cream, reducing the contamination of milk, growth of microorganisms in milk and cream, spread of diseases through milk and its derivatives; preservation of milk and cream, bacteriology of prepared milks, ice cream, butter cultures, fermented milks, butter, cheese, tests for the quality of milk and cream. *Prerequisite*: Bact. 301 and 303

MR. RUSH MR. VAN ESELTINE

BACT 406, 408—SANITARY BACTERIOLOGY—4 cr. (3 and 3)

This course is designed primarily for Engineering students. After a consideration of the fundamentals of bacteriology, the course is designed to give a knowledge of the relation of bacteriology to water purification and sewage disposal. *Prerequisite*: Chem 101 and 102

MR. RUSH MR. VAN ESELTINE

BACT 410, 412—SOIL MICROBIOLOGY—3 cr. (2 and 3)

The role of microbes in the decomposition of organic substances, transformation of nitrogen, transformation of mineral substances in soil by the action of microorganisms, interrelationships between higher plants and soil microorganisms, modification of the soil population, importance of microbes in soil fertility. *Prerequisite*: Bact 301 and 303

MR. RUSH MR. VAN ESELTINE

BOTANY

MR. ARMSTRONG
MR. ROSENKRANS MR. MATHEWS MR. WHITNEY
MR. RUTLEDGE

BOT 101, 103—GENERAL BOTANY—4 cr. (3 and 3)

The first part of the semester is devoted to a study of the form, structure, and physiology of the higher plants, followed by a study of algae, bacteria, fungi, liverworts, mosses, and ferns, with the application of the biological laws. Descriptions, life histories and adaptation of the representative organisms are considered.

MR. ROSENKRANS MR. MATHEWS MR. RUTLEDGE MR. WHITNEY

BOT 351, 353—PLANT MORPHOLOGY—4 cr. (2 and 6)

A study of the structure of vegetative and reproductive parts of plants representing most of the major groups except the fungi. Most of the time is spent on the higher vascular plants. *Prequisite*: Bot 101 and 103

MR. RUTLEDGE

Bot 352, 354—Plant Physiology—4 cr. (3 and 3)

A study of all the relations and processes which have to do with the maintenance, growth, and reproduction of plants. Principal topics are absorption of matter and energy, water relations of the plant, utilization of reserve products and liberation of energy, growth, movement and reproduction. *Prerequisite*: Bot 101 and 103; Chem 101 and 102; Phys 201 and 203 or Phys 211 and 213

Mr. Whitney

Bot 355—Histology—2 cr. (0 and 6)

This course gives the student a knowledge of the principles of fixing, cutting, and staining plant tissues and the various other processes of microtechnique as well as their application to specific forms of plants. *Prerequisite*: Bot 101 and 103; Chem 101 and 102

Mr. Rosenkrans

Bot 356, 358—Taxonomy—3 cr. (1 and 6)

The identification, classification, distribution, and interrelationship of flowering plants with particular emphasis on the flora of South Carolina. Laboratory work includes a study of native trees and shrubs in winter condition, the collection and identification of local plants, and the preparation of a small herbarium. *Prerequisite*: Bot 101 and 103

Bot 401, 403—Plant Pathology—3 cr. (2 and 3)

To acquaint the student with the major plant diseases of the South, symptoms of the diseases, the nature of the causal agencies or factors, and methods of control. *Prerequisite*: Bot 101 and 103

Mr. Armstrong Mr. Mathews

Bot 402, 404—Economic Botany—3 cr. (2 and 3)

A study of plants and plant products and their relationship to human history and contemporary life. Sources of plant products, especially those outside the scope of courses in Agronomy and Horticulture, such as woods, resins, tanning materials, rubber, textiles, cereals, sugar, oils, fruits, spices, beverages and drugs. Library research, periodic reports, and the examination of special material replace formal laboratory work. *Prerequisite*: Bot 101 and 103. Other students who present evidence of good scholarship may elect.

Bot 405—Seminar and Thesis—2 cr. (1 and 3)

Mr. Armstrong

Bot 406—Seminar and Thesis—2 cr. (1 and 3)

Mr. Armstrong

Bot 451, 453—Morphology of the Fungi—3 cr. (2 and 3)

A course to acquaint the student with the morphology and taxonomy of the fungi through lectures, reports, laboratory work, and field trips. Special attention is devoted to practice in the methods of pure culture as they apply to the different saprophytic and parasitic forms. *Prerequisite*: Bot 101, 103; Bot 401, 403.

Mr. Mathews

Bot 452, 454—Ecology—4 cr. (2 and 6)

A study of the fundamental principles of the relations between plants and environmental conditions. Special attention is given to ecological relationships and problems in this region. *Prerequisite*: *Bot* 101, 103

Mr. Rutledge

Bot 501—Methods of Research in Plant Physiology—3 cr. (2 and 3)

A theoretical and practical study of methods used in investigations of physiological processes and the factors influencing those processes. Topics include sand and solution culture methods, measurement and control of soil water content, atmospheric humidity and radiant energy, and determinations of osmotic quantities, hydrogen ion concentration, and metabolic processes. *Prerequisite*: Bot 352, 354; Chem 101, 102; Phys 201, 202, 203, 204

Mr. Whitney

Bot 503—Advanced Plant Pathology—4 cr. (3 and 3)

An advanced study including epiphytology and etiology of diseases of plants, nature of parasitism and resistance and training in laboratory methods. *Prerequisite*: Bot 401, 403

Mr. Armstrong

CERAMIC ENGINEERING

Mr. Robinson

Cr En 202—Ceramic Materials—2 cr. (2 and 0)

A study of the occurrence, mining, and properties of clays and ceramic minerals. *Prerequisite*: Geol 406

Cr En 301—The Drying and Firing of Ceramic Products—5 cr. (3 and 6)

A study of the theory, equipment and control of the drying and firing processes. *Prerequisite*: Cr En 202, Phys 212 and 214

Cr En 303—Ceramic Products—2 cr. (2 and 0)

This course is intended as an elective course for architects, architectural, chemical, civil, electrical, and mechanical engineers to acquaint them with the various ceramic products used in their professions. The properties of such products as structural, refractories, electrical insulators and the ceramic components of internal combustion engines are included in this course.

Cr En 401—Silicates—5 cr. (3 and 6)

A study of the fundamental principles underlying the composition and production of whitewares, glazes, glasses, cements and abrasives. A comprehensive study of ceramic calculations and their application to the preparation of ceramic bodies is included together with the theory and applications of temperature measuring equipment. *Prerequisite*: Cr En 301

Cr En 402—Refractories—3 cr. (3 and 0)

A study of refractory materials, the manufacture of refractory products, and the use of refractories in industrial furnaces. *Prerequisite*: Cr En 401

Cr En 404—Enamels—3 cr. (3 and 0)

A study of the raw materials, methods of manufacture, and properties of porcelain enamel coatings for metals. *Prerequisite*: Cr En 401

Cr En 405—Plant Design—3 cr. (0 and 9)

The application of the fundamentals of ceramic engineering to specific problems in plant design. *Prerequisite*: Senior Standing in Ceramic Engineering.

Cr En 406—Ceramic Project—2 cr. (0 and 6)

The completion of an original research into a ceramic problem. *Prerequisite*: Cr En 401

Cr En 408—Plant Design—2 cr. (0 and 6)

A continuation of Cr En 405. *Prerequisite*: Cr En 401

CHEMICAL ENGINEERING

MR. BERNE-ALLEN MR. LITTLEJOHN

CH EN 202—INTRODUCTION TO CHEMICAL ENGINEERING—3 cr. (3 and 0)

This course introduces English units for engineering calculations, dimensional analysis, chemical engineering methods of calculation, and the fundamental principles of fluid flow and fluid transportation. *Prerequisite*: Second-semester Sophomore standing in Chemical Engineering.

CH EN 301—PRINCIPLES OF CHEMICAL ENGINEERING—3 cr. (3 and 0)

An introduction to the general principles of Chemical Engineering and a study of the following unit operations: Fluid Flow, Heat Transmission and Evaporation. Special emphasis is placed on theory and its practical application. This is accomplished through the presentation of comprehensive calculations. *Prerequisite*: Junior standing in Chemical Engineering.

MR. BERNE-ALLEN

CH EN 302—PRINCIPLES OF CHEMICAL ENGINEERING—3 cr. (3 and 0)

A study of the following unit operations based on diffusion: Humidification and Air Conditioning, Drying and Distillation. Special attention is given to theories involved and practical applications thereof. Theory is correlated with practice by the solution of comprehensive problems. *Prerequisite*: Ch En 301

MR. LITTLEJOHN

CH EN 305—UNIT OPERATIONS—1 cr. (0 and 3)

A laboratory course dealing with subjects covered in Ch En 301 in which theory is related to practical application by actual operation of equipment and the preparation of technical reports thereon. *Prerequisite*: Junior standing in Chemical Engineering.

MR. BERNE-ALLEN

CH EN 306—UNIT OPERATIONS—1 cr. (0 and 3)

A laboratory course dealing with subjects covered in Ch En 302 in which theory is related to practical application by actual operation of equipment. Stress is laid on writing of technical reports. *Prerequisite*: Ch En 305

MR. LITTLEJOHN

Ch En 401—Principles of Chemical Engineering—3 cr. (3 and 0)

A study of the following unit operations: Gas Absorption and Solvent Extraction, Filtration, Crystallization, Mixing, Conveying, Size Reduction and Size Separation. Special emphasis is placed on theory and its practical application. Theory is related to practice by solution of comprehensive problems. *Prerequisite*: Ch En 301 and 302

Mr. Littlejohn

Ch En 403—Chemical Industries—3 cr. (3 and 0)

A study of various chemical industries. Economics and the interrelation of unit operations and unit processes are considered. Attention is given to the dependence of each industry on the chemical field as a whole. *Prerequisite*: Senior standing in Chemical Engineering.

Mr. Berne-Allen

Ch En 404—Chemical Industries—3 cr. (3 and 0)

A continuation of Ch En 403. *Prerequisite*: Ch En 403

Mr. Berne-Allen

Ch En 405—Unit Operations—2 cr. (0 and 6)

A laboratory course dealing with subjects covered in Ch En 401 in which theory is related to practice by actual operation of equipment. Stress is laid on writing of technical reports. *Prerequisite*: Ch En 306

Mr. Littlejohn

Ch En 406—Industrial Chemical Calculations—2 cr. (2 and 0)

A course in the solution of stoichiometric problems on the plant scale. *Prerequisite*: Ch En 301 and 302

Mr. Berne-Allen

Ch En 409—Plant Design—2 cr. (0 and 6)

A detailed study of the design of a chemical plant involving such factors as process to be employed, equipment selection, specification writing and cost accounting, and plant location. *Prerequisite*: Senior standing in Chemical Engineering.

Mr. Littlejohn

Ch En 410—Plant Design—2 cr. (0 and 6)

A continuation of Ch En 409. *Prerequisite*: Ch En 409

Mr. Littlejohn

Ch En 412—Thesis—3 cr. (0 and 9)

The solution of a research problem in Chemical Engineering chosen by the student. A written report is required in which special emphasis is laid upon originality of thought, method of attack, discussion of results and conclusions. *Prerequisite*: Senior standing in Chemical Engineering

Mr. Berne-Allen Mr. Littlejohn

Ch En 415—Chemical Engineering Seminar—0 cr. (1 and 0)

A discussion period for exchange of ideas between students and instructors. Current problems and new trends in theoretical and practical chemical engineering are discussed. *Prerequisite*: Senior standing in Chemical Engineering.

Mr. Berne-Allen Mr. Littlejohn

Ch En 416—Chemical Engineering Seminar—0 cr. (1 and 0)

A continuation of Ch En 415. *Prerequisite*: Ch En 415

Mr. Berne-Allen Mr. Littlejohn

CHEMISTRY

Mr. Hunter

Mr. Carodemos
Mr. Mitchell
Mr. Pollard
Mr. Polk
Mr. Schirmer

Mr. Brownley
Mr. Dinwiddie
Mr. Hobson
Mr. Hodges
Mr. Mauldin
Mr. Dukes

Mr. Evans
Mr. Gillespie
Mr. Grant
Mr. Salley

Chem 101—General Chemistry—4 cr. (3 and 3)

To give the student a general knowledge of the fundamentals of the science of chemistry through lectures, lecture experiments, and laboratory exercises. Consideration is given to the common substances.

Mr. Polk and Staff

CHEM 102—GENERAL CHEMISTRY—4 cr. (3 and 3)

A continuation of Chem 101.

MR. HUNTER AND STAFF

CHEM 103—GENERAL CHEMISTRY—4 cr. (3 and 3)

This course is required of students majoring in Chemistry, Chemical Engineering, Textile Chemistry or Pre-Medicine. It is similar to Chem 101, except that it gives a more thorough covering of those fundamentals which are necessary for advanced work in Chemistry.

MR. BROWNLEY AND STAFF

CHEM 104—GENERAL CHEMISTRY—4 cr. (3 and 3)

A continuation of Chem 103.

MR. BROWNLEY AND STAFF

CHEM 211—QUALITATIVE ANALYSIS—3 cr. (1 and 6)

A course in Qualitative Analysis, designed especially for pre-medical students, which is essentially the same as Chem 215 except that the theoretical principles are developed in less detail. Greater emphasis is placed on those principles more likely to be encountered in medical work. *Prerequisite*: Chem 101 and 102, or 103 and 104.

MR. SCHIRMER

CHEM 212—QUANTITATIVE ANALYSIS—3 cr. (1 and 6)

A course in Quantitative Analysis, designed especially for pre-medical students, which is essentially the same as Chem 216 except that the theoretical principles are developed in less detail. Greater emphasis, both in theory and laboratory work, is placed on those analyses which are more applicable to medical work. *Prerequisite*: Chem 211 or 215.

MR. SCHIRMER

CHEM 215—QUALITATIVE ANALYSIS—4 cr. (2 and 6)

A study of the fundamental principles of Qualitative Analysis and their application in the systematic separation and identification of the common cations and anions in the laboratory. The topics discussed are: chemical equilibrium and the law of mass action, solution and ionization, solubility product, hydrolysis and complex ions. *Prerequisite*: Chem 101 and 102, or 103 and 104.

MR. SCHIRMER

CHEM 216—QUANTITATIVE ANALYSIS—4 cr. (2 and 6)

A study of the fundamental principles of Quantitative Analysis and their application in the analysis of unknown mixtures in the laboratory. Standard volumetric and gravimetric procedures are employed. *Prerequisite*: Chem 215.

MR. SCHIRMER

CHEM 220—ORGANIC CHEMISTRY—4 cr. (3 and 3)

A study of fundamentals of organic chemistry which will aid the student of agriculture to understand the various biochemical reactions which are involved in the study of plant and animal nutrition. *Prerequisite*: Chem 101 and 102.

MR. MAULDIN

CHEM 221—ELEMENTARY ORGANIC CHEMISTRY—5 cr. (3 and 6)

A thorough study of the aliphatic compounds with special emphasis upon structural characteristics of the various classes. In the laboratory, typical compounds are prepared in which techniques, purity and yield are stressed. *Prerequisite*: Chem 101 and 102, or 103 and 104.

MR. CARODEMOS MR. DINWIDDIE

CHEM 222—ELEMENTARY ORGANIC CHEMISTRY—5 cr. (3 and 6)

The alicyclic, heterocyclic, and aromatic compounds are thoroughly studied. Typical members of these series of compounds are synthesized in the laboratory in which technique, purity and yield are stressed. *Prerequisite*: Chem 221.

MR. CARODEMOS MR. DINWIDDIE

CHEM 312—GAS AND FUEL ANALYSIS—3 cr. (1 and 6)

A study of the composition and combustion of solid, liquid and gaseous fuels, and of the products of combustion. The laboratory work consists of analyses of solid and gaseous fuels, calorimetry, and testing of fuel and lubricating oils. *Prerequisite*: Chem 101 and 102, or 103 and 104.

MR. BROWNLEY

CHEM 321—QUALITATIVE ORGANIC ANALYSIS—4 cr. (2 and 6)

The systematic identification of pure organic compounds and mixtures.

MR. DINWIDDIE

CHEM 331—PHYSICAL CHEMISTRY—3 cr. (3 and 0)

A study of the theories and behavior of gases, liquids, solids and solutions. *Prerequisite*: Math 203 and 204, Chem 212 or 216, Chem 221 (may be taken at the same time).

MR. POLLARD

CHEM 332—PHYSICAL CHEMISTRY—3 cr. (3 and 0)

A continuation of Chem 331, including the study of chemical equilibrium, the phase rule, chemical kinetics and elementary electrochemistry.

MR. POLLARD

CHEM 333—PHYSICAL CHEMISTRY LABORATORY—2 cr. (0 and 6)

Laboratory course to accompany Chem 331. Experimental studies of the physico-chemical behavior of gases, liquids, solids and solutions.

MR. HOBSON

CHEM 334—PHYSICAL CHEMISTRY LABORATORY—2 cr. (0 and 6)

A continuation of Chem 333 to accompany Chem 332. Studies of chemical equilibria, reaction rates, phase systems and electrochemical measurements.

MR. HOBSON

CHEM 336—PHYSICAL CHEMISTRY—5 cr. (3 and 6)

A study of the theories and behavior of gases, liquids, solids and solutions as related to the ceramic industry.

CHEM 401—INORGANIC CHEMISTRY—3 cr. (3 and 0)

A comprehensive survey of the field of inorganic chemistry through lectures and lecture experiments. Development of modern theories of atomic structure and valence, and a detailed study of the elements and their compounds, based on the periodic system and including both well known and rarer elements. *Prerequisite*: Chem 212 or 216. *Suggested*: Chem 331 and 332.

MR. SCHIRMER

CHEM 402—ADVANCED INORGANIC CHEMISTRY—3 cr. (3 and 0)

A continuation of Chem 401.

MR. SCHIRMER

CHEM 411—ADVANCED QUANTITATIVE ANALYSIS—3 cr. (1 and 6)

This course involves gravimetric and colorimetric analysis including complete analysis of limestones and silicates, and a partial analysis of coal, pig iron and steel. Also, the quantitative analysis of alloys using electrometric separation in some cases. The determination of certain important elements of ores, as sulfur, manganese, nickel, chromium and phosphorus. Instrumental analysis involving the use of photoelectric colorimeters, spectrophotometers, titrimeters and other instruments. *Prerequisite*: Chem 212 or 216.

MR. MITCHELL

CHEM 431—COLLOID CHEMISTRY—2 cr. (2 and 0)

The general characteristics of the colloidal state and surface phenomena including surface tension, adsorption and contact catalysis. *Prerequisite*: Chem 331 and 332.

MR. POLLARD

CHEM 432—COLLOID CHEMISTRY—2 cr. (2 and 0)

A continuation of Chem 431 including the preparation of colloidal solutions, gels and jellies, foams, fogs, emulsions and smokes.

MR. POLLARD

CHEM 441—GLASS MANIPULATION—2 cr. (0 and 6)

A course designed to teach the fundamentals of glass manipulation and its application to the construction and repair of simple laboratory apparatus. *Prerequisite*: Senior Standing.

MR. SCHIRMER

CHEM 442—CHEMICAL LITERATURE—2 cr. (1 and 3)

This course is designed to give the student practice in the use of chemical literature, the writing of technical reports and the presentation of same before the faculty of the School of Chemistry. *Prerequisite*: Senior Standing in Chemistry.

CHEMISTRY STAFF

CHEM 443—RESEARCH PROBLEMS—3 cr. (0 and 9)

Original investigation of an assigned problem in a fundamental branch of Chemistry. This work must be carried out under the supervision of a qualified member of the staff. *Prerequisite*: Senior Standing in Chemistry.

CHEMISTRY STAFF

CHEM 444—RESEARCH PROBLEMS—3 cr. (0 and 9)

A continuation of Chem 443.

CHEMISTRY STAFF

CHEM 454—INORGANIC SYNTHESIS—2 cr. (0 and 6)

A laboratory course designed to acquaint the student with various methods and techniques employed in the preparation and handling of inorganic compounds. *Prerequisite*: Chem 401

MR. SCHIRMER

CHEM 462—TECHNICAL ANALYSIS—3 cr. (1 and 6)

This course is planned to give training and experience in the analysis of many industrial products including fertilizer analysis, organic and mineral analysis of feeding materials, complete water analysis, both mineral and sanitary and the chemical and optical analysis of sugar products. Assays of some of the vitamins include the use of photoelectric colorimeters and fluorophotometers. *Prerequisite*: Chem 411

MR. MITCHELL

CHEM 472—ORGANIC SYNTHESIS—4 cr. (1 and 9)

A review and more intensive study of representative classes of organic compounds. In this course reference is made to the current literature from which the student prepares reports and abstracts. The laboratory work consists of synthesis of more complex compounds. In this course the student is introduced to the methods of consulting Beilstein's "Handbuch der organischen chemie." *Prerequisite*: Chem 321 and Ger 102

MR. CARODEMOS

CHEM 481—PHASE EQUILIBRIA—2 cr. (2 and 0)

A study of the application of the Phase Rule to systems of two, three and four components, including its practical application to chemical operations and processes, metals, alloys and minerals.

MR. POLLARD

CHEM 482—CHEMICAL THERMODYNAMICS—3 cr. (3 and 0)

This course is designed to present basic concepts of the fundamental thermodynamic quantities and their relationships as expressed by the three laws of thermodynamics. A working knowledge of these laws and their correlative functions, as applied to chemical processes, will be given the student.

MR. HOBSON

CHEM 484—COLLOID CHEMISTRY LABORATORY—2 cr. (0 and 6)

Preparation and study of colloidal systems. *Prerequisite*: Chem 431

MR. POLLARD

CHEM 501—ADVANCED INORGANIC CHEMISTRY—3 cr. (3 and 0)

A study of atomic, crystal and molecular structure and its relationship to Inorganic Chemistry. *Prerequisites*: Chem 401 and 402

MR. SCHIRMER

CHEM 511—OPTICAL METHODS—3 cr. (1 and 6)

A study of optical methods as used in the field of chemistry with especial emphasis on the use of the microscope, spectroscope and related instruments. *Prerequisites*: Chem 401, 402 and 411

MR. HUNTER

CHEM 520—BIOCHEMICAL ASPECTS OF ORGANIC CHEMISTRY—2 cr. (2 and 0)

Discussion of natural products, including vitamins, hormones, etc. *Prerequisites*: Chem 321 and 331

MR. CARODEMOS

CHEM 521—ADVANCED ORGANIC CHEMISTRY—3 cr. (3 and 0)

The object of this course is to give a general survey of organic chemistry with special attention on the general type of organic reactions and important processes. The lectures are supplemented by assigned problems and reports on current organic literature which are discussed during a weekly conference hour. *Prerequisite*: Chem 321

MR. CARODEMOS

CHEM 522—ADVANCED ORGANIC CHEMISTRY—3 cr. (3 and 0)

A continuation of Chem 521.

MR. CARODEMOS

CHEM 523—QUANTITATIVE ORGANIC ANALYSIS—2 cr. (0 and 6)

This course is designed to train the organic chemist, and particularly the research worker, in the techniques and theory of quantitative determinations of various groups and elements occurring in organic compounds. Semimicro methods using 10 to 25 mg. samples are stressed. It is primarily a laboratory course with occasional lectures for consideration of the theoretical aspects of the procedures employed. *Prerequisites*: Chem 321 and 411

MR. CARODEMOS

CHEM 524—QUANTITATIVE ORGANIC ANALYSIS—2 cr. (0 and 6)

A continuation of Chem 523.

MR. CARODEMOS

CHEM 531—SELECTED TOPICS IN PHYSICAL CHEMISTRY—2 cr. (2 and 0)

An advanced course covering special phases of Physical Chemistry such as recent advances in the theory of solutions, chemical kinetics, catalysis and phase equilibrium. *Prerequisites*: Chem 331 and 332

MR. POLLARD

CHEM 543—RESEARCH PROBLEMS—3 cr. (0 and 9)

Original investigation of an assigned problem in a fundamental branch of chemistry. This work must be carried out under the supervision of a qualified member of the staff.

CHEMISTRY STAFF

CHEM 544—RESEARCH PROBLEMS—3 cr. (0 and 9)

A continuation of Chem 543.

CHEMISTRY STAFF

CIVIL ENGINEERING

Mr. Clarke

Mr. H. E. Glenn	Mr. J. D. Glenn	Mr. Moss
*Mr. Norman	Mr. Rostron	Mr. Rabe
Mr. Trively	Mr. Ford	

C E 101—Elementary Surveying—2 cr. (1 and 3)

An introductory course given to all Engineering freshmen. This course comprises field and office computations involving the use of the tape, transit, level and leveling rod; the making of simple surveys; running levels, making profiles, and computing cuts and fills.

Mr. Rostron Mr. Rabe Mr. Moss

C E 201—Surveying—2 cr. (2 and 0)

A detailed study of the construction of all surveying instruments, and methods of adjusting same; a comprehensive consideration of the mathematical principles involved in making surveys: computations involved in computing and subdividing areas. *Prerequisites*: Math 103, C E 101, D D 105 and 106

Mr. Moss

C E 202—Surveying—2 cr. (2 and 0)

This is a continuation of C E 201, and comprises the application of surveying principles to the various phases of surveying problems, including land surveying, topographic surveying, route surveying, mine surveying and hydrographic surveying. This course includes sufficient elementary astronomy for making solar or stellar observations for the determination of Azimuth and Time. *Prerequisite*: C E 201

Mr. Clarke

C E 203—Topographic Surveying and Mapping—1 cr. (0 and 3)

The field and office work necessary to make a complete topographic map, including contours, of a prescribed area. *Prerequisite*: C E 101, Math 103, D D 105 and 106

Mr. Moss

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*On leave.

C E 205—Civil Engineering Problems—2 cr. (1 and 3)

This course, designed to familiarize the student with simple problems in civil engineering, includes a review of the applications of trigonometric functions and logarithms, and a study of graphs, tables, and the slide rule. Some emphasis is given to a systematic analysis of problems and a neat and orderly arrangement of computations. *Prerequisites*: Math 103, Math 104 and registration in Phys 211

Mr. Rabe

C E 300—Summer Surveying Camp

C E 305—Route Surveying—3 cr. (3 and 0)

A study of the special problems which arise in connection with the location of a route for a railroad, highway, canal, sewer, water main or transmission line; the theory of simple, compound, and reversed curves; parabolic curves, transition spiral, vertical, curves, railroad turnouts; computations of earthwork. *Prerequisite*: C E 201, 202 and 203

Mr. Clarke

C E 306—Roads and Pavements—4 cr. (3 and 3)

Theory and practice in design, location, construction and maintenance of low cost, intermediate, and high type, road surfaces. Highway economics and administration. Study of factors relating to highway construction methods and materials. *Prerequisites*: Phys 211 and C E 305

Mr. Rostron

C E 309—Stress Analysis—2 cr. (0 and 6)

The computation of stresses in statically determinate structures. *Prerequisite*: Mech 302

Mr. Rabe

C E 310—Elementary Design—2 cr. (0 and 6)

The computation of the stress in truss members and girders; the design of structural parts and their connections. *Prerequisite*: C E 309 and Mech 304

Mr. J. D. Glenn

C E 319—General Photogrammetry—3 cr. (2 and 3)

An introduction to the fundamentals of mapping by use of aerial photographs. A study of the characteristics and uses of aerial photographs, detailed interpretation and simple photogrammetric instruments such as the stereocomparagraph. Practice in use of simple mapping instruments, problems in scale determination, construction of photomosaics. *Prerequisite*: C E 203

Mr. Robinson

C E 401—Structural Design—3 cr. (2 and 3)

The computation of stresses, and the detailed design of a steel highway bridge. *Prerequisite*: C E 310

Mr. Trively

C E 402—Structural Analysis—2 cr. (2 and 0)

Analysis of statically indeterminate structures by the method of moment distribution. *Prerequisite*: C E 401

Mr. Trively

C E 405—Road Materials Testing Laboratory—1 cr. (0 and 3)

A study of the physical properties of non-bituminous construction materials, and the standard tests for determining these properties. *Prerequisites*: Mech 302 and 304

Mr. Ford

C E 406—Road Materials Testing Laboratory—1 cr. (0 and 3)

A study of the physical properties of bituminous construction materials, and the standard tests for determining these properties. *Prerequisite*: Mech 302 and 304

Mr. Ford

C E 409—Reinforced Concrete Structures—4 cr. (3 and 3)

Study of mechanics of reinforced concrete, beams, slabs, columns and footings. Designs and estimates of concrete structures. *Prerequisite*: Mech 304 and 306

Mr. Trively Mr. Ford Mr. J. D. Glenn

C E 410—Municipal and Sanitary Engineering—5 cr. (5 and 0)

A study of the procedure necessary to supply an adequate amount of potable water for public or private purposes; and the design and construction of sewerage systems and sewage treatment plants. *Prerequisite:* Mech 401

Mr. Clarke

C E 412—Reinforced Concrete Design—2 cr. (0 and 6)

The complete analysis and design of a reinforced concrete bridge or building. *Prerequisite:* C E 409

Mr. Trively

C E 415—Soil Mechanics—3 cr. (2 and 3)

Study of mechanical and physical properties of soils and their relation to soil action in problems of engineering, such as classification, permeability, shearing strength, consolidation, stress distribution and bearing capacity of soils. *Prerequisite:* Mech 304

Mr. Rostron

C E 416—Contracts—2 cr. (2 and 0)

A study of the legal requirements and principles involved in the construction problems which confront the civil engineer.

Mr. Clarke

C E 417—City Planning—2 cr. (2 and 0)

A study of the special problems, confronting a city engineer, which are not specifically of an engineering nature, but for the solution of which the public looks to the city officials; viz. street systems, traffic control, parking facilities, railroad and water traffic problems, airports, parks and play-grounds and zoning; legal problems involved.

Mr. Clarke

C E 419—Materials and Methods of Construction—3 cr. (3 and 0)

This course is intended to familiarize the student with the common materials and technical terms used in construction and the ways in which the materials are used.

Mr. Clarke

C E 452—Advanced Structural Analysis—2 cr. (2 and 0)

The study of secondary stresses in structures and the deflection of structures. *Prerequisite*: C E 401

Mr. Trively

C E 501—Advanced Structural Engineering—3 cr. (2 and 3)

Analysis of statically indeterminate structures including secondary stresses and rigid frames.

C E 502—Advanced Structural Engineering—3 cr. (2 and 3)

A continuation of C E 501.

C E 510—Highway Safety and Traffic Control—3 or 2 cr. (3 and 0) or (2 and 0)

Study of highway safety principles affecting the design of city streets and rural highways, devices for controlling highway traffic and related subjects, and design of traffic signal systems. *Prerequisite*: C E 306

C E 511—Highway Design—3 cr. (2 and 3)

Studies of economics of highway grades, location, alignment and road surfaces, and factors that control highway planning. *Prerequisite*: C E 306

C E 519—Research—2 to 4 cr.

Independent investigation of some problems in highway engineering.

C E 520—Concrete Mixes and Materials—3 cr. (2 and 3)

Properties and factors controlling properties of concrete; investigation and selection of materials; mixes and design of mixes; inspection, field laboratory facilities and reports; concrete manufacture; handling, placing and curing; special types; sonic method of testing. *Prerequisite*: C E 405

C E 531—Soil Engineering—3 cr. (2 and 3)

Shearing resistance, consolidation, settlement, displacement and compaction, pile supporting strength, application of principles to earthwork, foundations and highway problems. *Prerequisite*: C E 415

DAIRY DEPARTMENT

Mr. LaMaster

Mr. Goodale Mr. Brannon Mr. Breazeale

Mr. King Mr. Hurst

Dairy 201—Introductory Dairying—3 cr. (2 and 3)

A course designed to give a practical working knowledge of dairy husbandry and dairy products. Studies include history of dairying, dairy breeds, feeds and feeding, judging dairy animals, dairy farm buildings, quality milk production, testing milk and some of its products, the manufacture of milk products, and the value of milk and milk products.

Mr. Breazeale

Dairy 301—Genetics—3 cr. (2 and 3)

A study of the principles of heredity and variation with special reference to their application to the animal kingdom. Some of the topics covered are Mendel's Law, physical basis of inheritance, chromosome theory, linkage, expression and interaction of factors, origin of hereditary differences, inheritance of quantitative characters, and biometric methods. *Prerequisite:* Junior standing

Mr. LaMaster

Dairy 302—Dairy Technology and Engineering—3 cr. (2 and 3)

The chemical and physical properties of milk and milk products are studied in the classroom and laboratory as they apply to the processing of dairy products. Some of the dairy engineering subjects studied are: Heat measurement, transfer and control; power transmission, electrical power and equipment, hydraulics and pumping, steam and its use in the dairy, refrigeration, insulation, heaters and coolers, ice cream equipment, homogenizers, pasteurizing equipment, evaporating and drying equipment, washing and sterilizing equipment, fillers, equipment maintenance, general mechanics, and dairy plant design and layout. *Prerequisite:* Junior standing

Mr. Goodale

Dairy 305—Dairy Cattle Judging—1 cr. (0 and 3)

Students are given an understanding of dairy form, breed type, and relations between form and function of dairy cattle. Emphasis is placed on the score card, show ring requirements and classifications, fitting dairy cattle for show and sale, values as influenced by form, buying dairy cattle.

practice in judging Brown Swiss, Guernsey, Holstein, and Jersey cattle of all ages. *Prerequisite*: Junior standing

Mr. Brannon

Dairy 306—Market Milk—3 cr. (3 and 0)

To give a comprehensive understanding of the care and handling of market milk, the following subjects are studied: History and development of the market milk industry, composition of milk and its properties, micro-organisms, enzymes and cells of milk and cream, milk and public health, safeguarding the milk supply, sanitary production of market milk, construction and arrangement of buildings (farm and station), transportation of milk, flavors of milk, construction and arrangement of city milk plants, milk plant operation, pasteurization of milk, cooling systems, creaming, separation, special milk products, business management, the dairy laboratory, dairy mathematics. *Prerequisite*: Dairy 201

Mr. Goodale

Dairy 309—Animal Nutrition—3 cr. (3 and 0)

A chemical and physiological treatment of digestion, absorption and metabolism of nutrients. The physiology of and nutritional requirements for body maintenance, growth, reproduction and lactation of dairy cattle. *Prerequisite*: Chemistry 220

Mr. King

Dairy 352—Advertising and Marketing—3 cr. (3 and 0)

To give fundamentals in important fields of sales and marketing, the following topics are studied: Evolution of advertising, advertising allied with journalism, rise of national advertising, social aspects of advertising, advertisers' policies and objectives, modern advertising procedure, marketing research, names, trade marks, packages, psychology of selling, incentives to attention, incentives to interest, establishing associations, building the advertisement, substance of advertising copy, typography, illustrations and color, layout and visualization, advertising program, advertising production, media, radio advertising. *Prerequisite*: Junior standing

Mr. Goodale

Dairy 354—Endocrinology—3 cr. (3 and 0)

This course includes a study of the anatomy and physiology of the glands of internal secretion. The chemistry of the hormones will be con-

sidered. Emphasis will be placed on the relationship of the endocrine glands to growth, reproduction, and lactation. *Prerequisite*: Junior standing

MR. HURST

DAIRY 401—DAIRY MANUFACTURES—3 cr. (2 and 3)

A thorough study is made of the manufacture of creamery butter, and the processing of soft cheeses. Some of the topics covered are: History of buttermaking, care of cream on the farm, buying and grading cream, inspection and testing methods, neutralization, pasteurization, starters and ripening, churning, and all subsequent processes until butter is ready for market, composition control, butter scoring, butter storage, marketing butter, refrigeration and sanitation. Studies are conducted on complete processing methods for common varieties of soft cheeses. *Prerequisite*: Dairy 201 and 302

MR. GOODALE

DAIRY 402—DAIRY MANUFACTURES—4 cr. (2 and 6)

A study of ice cream manufacture and related problems of producing condensed and powdered milks. Some subjects covered are: History of ice cream making, classification of frozen products, composition, ingredients used, standardization of mixes, processing mixes, testing, freezing, whipping defects in ice cream, packaging, hardening, shipping sugars, egg products, stabilizers, chocolate products, vanillas, fruits, ices, sherbets, specials, costs and merchandising, ice cream as a food, and bacteriology of ice cream. *Prerequisite*: Dairy 201 and 302

MR. GOODALE

DAIRY 405—DAIRY CATTLE BREEDING—3 cr. (2 and 3)

The student is given an understanding of the methods used in developing and improving the breeds of cattle. Principal topics are: breed history, advanced register, pedigrees, methods of indexing proved sires, statistical study of the relations of environment to production. *Prerequisite*: Genetics

MR. LAMASTER

DAIRY 409—DAIRY SEMINAR—2 cr. (2 and 0)

Special research problems in production and manufactures are studied. Individual topics not fully covered in class work are assigned for special reports before class and Dairy Staff. *Prerequisite*: Senior standing

DAIRY STAFF

DAIRY 410—DAIRY SEMINAR—2 cr. (2 and 0)

This course is a continuation of Dairy 409 with emphasis on current research literature. Each student is required to conduct a research project in production or manufactures and report the exposition of the results by thesis. *Prerequisite*: Senior standing

DAIRY STAFF

DAIRY 452—DAIRY CATTLE FEEDING AND MANAGEMENT—3 cr. (2 and 3)

This course gives the fundamental principles in the care, feeding, and management of dairy cattle of all ages. Principal topics include: general considerations in selecting a breed, selecting the individual cow, calf raising, growth and development, raising dairy heifers, care and management of the milking herd, milking factors, feeding for milk production, stables for cows, dairy barn equipment and handling manure. *Prerequisite*: Senior standing

MR. LAMASTER

DRAWING AND DESIGNING

MR. SHIGLEY

MR. BRADBURY MR. BANISTER MR. HUGHES
MR. MCHUGH MR. CARTER

D D 101—FREEHAND DRAWING—1 cr. (0 and 3)

A study of the principles of technical sketching, including the development of skills in technical lettering and freehand drawing.

DRAWING STAFF

D D 102—TECHNICAL DRAWING—1 cr. (0 and 3)

A study of the elementary principles of multi-view projection with emphasis upon the reading of technical drawings rather than upon their execution. *Prerequisite*: D D 101

DRAWING STAFF

D D 105—ENGINEERING DRAWING—2 cr. (0 and 6)

A comprehensive study of the language of the engineer. The course includes lettering, use of instruments, technical sketching, multi-view drawing, auxiliary projection, sectional views, dimensioning, fasteners, pipe drawings, and simple detail and assembly drawings.

DRAWING STAFF

D D 106—Engineering Drawing—2 cr. (0 and 6)

A continuation of D D 105. The course includes detail and assembly drawings, welding drawings, pictorial drawings, simple problems involving the point, line, and plane in descriptive geometry, structural drawing, developments and intersections, jigs and fixtures, and simple problems in cams and related motions. *Prerequisite*: D D 105

Drawing Staff

D D 205—Applied Descriptive Geometry—3 cr. (2 and 3)

A study of the theory of orthographic projection and its application to the graphical solution of three-dimensional space problems. A wide variety of practical problems are solved including problems dealing with points, lines, planes, single curved surfaces, and double curved surfaces. *Prerequisite*: D D 106

Drawing Staff

D D 305—Kinematics of Machines—2 cr. (1 and 3)

A study of cams, linkages, and related mechanisms. The determination of velocities and accelerations in simple machines. A comprehensive study of toothed gearing, simple and planetary gear trains and miscellaneous mechanisms. *Prerequisite*: D D 106. Must parallel or follow M E 303.

Mr. Shigley Mr. Bradbury Mr. McHugh

D D 306—Machine Design—2 cr. (1 and 3)

A study of the various "factors" which influence the design engineer's decision upon the size, material, or shape of a machine part, and its location in a machine. Review of materials and processes from the standpoint of design. The design of various machine elements. A selected group of laboratory problems to bring out the student's judgment, initiative, and ingenuity, and to unite all his previous experience and studies and focus them towards the solution of each problem. *Prerequisite*: D D 305. Must parallel or follow Mech 304.

Mr. Shigley Mr. Bradbury Mr. McHugh

D D 460—Mechanical Vibrations—3 cr. (3 and 0)

A study of mechanical vibrations with emphasis upon the solution of practical problems in the design and construction of machinery and structures. The study will include free vibrations with and without damping;

forced vibrations; systems of one, two, and many degrees of freedom; Poyleigh's method applied to linear vibrations; Halzer's method applied to torsional vibrations; equivalent systems; measuring instruments; absorbers and dampers; the seismograph; self-excited vibrations; non-linear systems. *Prerequisites*: Mech 303 and 304

Mr. Shigley

D D 461—Photoelasticity Laboratory—1 cr. (0 and 3)

A selected group of laboratory problems in photoelastic stress analysis. *Prerequisites*: Mech 304 and Math 204

ECONOMICS

Mr. Burtner
*Mr. Lander
Mr. Biggs
Mr. Smith
Mr. Trevillian
Mr. Tuttle
Mr. Wood

Econ 201—Principles of Economics—3 cr. (3 and 0)

This course, with its continuation, Econ 202, furnishes a basic introduction to the science of economics. Beginning with an examination of fundamental concepts, the course deals with principles of production and exchange, business organization and combination, and principles of money, banking and credit. Special emphasis is given to current economic problems.

Economics Staff

Econ 202—Principles of Economics—3 cr. (3 and 0)

Continuation of Econ 201 with special attention to the distribution of national income, value and price, foreign trade and exchange, economic problems of government such as taxation and government spending. Comparison is made of the economic structures of capitalism, socialism and communism. Consideration is given to current economic problems. *Prerequisite*: Econ 201

Economics Staff

Econ 301—Labor Problems—3 cr. (3 and 0)

Studies in the development of present day labor conflict and causes of industrial unrest. An analytical survey is made of such aspects as unemployment, low wages, industrial accidents and diseases, intervention of the State in behalf of the worker and the status of the worker in

*On leave.

modern industrial society. Trade unionism and collective bargaining are contrasted with state legislation as devices for dealing with these problems. *Prerequisite*: Econ 201 and 202

Mr. Smith

Econ 302—Money and Banking—3 cr. (3 and 0)

A survey of the financial organization of society. Consideration of monetary systems, foreign exchange, credit instruments and principal types of financial institutions. Problems of credit control, monetary stabilization, banking regulation and reform are given special emphasis. *Prerequisite*: Econ 201 and 202

Mr. Wood

Econ 312—Commercial Law—3 cr. (3 and 0)

An introduction to law in its application to business. Special emphasis is given to legal principles and court opinions relating to contracts, personal property, negotiable instruments and related topics. *Prerequisite*: Junior standing

Mr. Smith

Econ 401—Elementary Accounting—3 cr. (3 and 0)

Practice in handling real and nominal accounts, together with an introduction to the use of various types of books of original entry, statements of profit and loss, and balance sheets. The work of the course will consist of lectures and problems. *Prerequisite*: Econ 201 and Junior standing

Mr. Trevillian

EDUCATION

Mr. Washington

Mr. Booker	Mr. White	Mr. Kirkley
Mr. Brock	Mr. Bowen	Mr. McGarity
Mr. Monroe	Mr. Gentry	Mr. Stribling

Educ 101—Orientation—1 cr. (1 and 0)

The purpose of this course is to aid the freshman in adjusting himself to the college environment and his course of study.

Mr. Washington

Educ 301—Introduction to Education—3 cr. (3 and 0)

This course includes the principles of Education, the aims, purposes, and objectives of Vocational Education; and the basic principles underlying the development of programs of instruction for the various groups of farm people.

Mr. Kirkley

Educ 302—Educational Psychology—3 cr. (3 and 0)

A study of the nature, capacities and equipment of the learner, the role of the environment, the nature and promotion of learning, the growth and maturity of personality and the evaluation of progress in education.

Mr. Stribling

Educ 305—Principles of Secondary Education—3 cr. (3 and 0)

A study is made of characteristics and needs of general and vocational education, characteristics of learning, knowledge and thinking ability, motor, moral, and appreciative reactions, choice of subjects and activities, influence of age, maturity, and individual differences, methods of teaching, appraising results of education.

Mr. Washington

Educ 307—Industrial Education Laboratory—2 cr. (0 and 6)

The purpose of this course is to develop an industrial background for the teacher who is to have charge of a comprehensive industrial program in a community where an effort is being made to train young men and adult industrial workers in the individual skills of productive employment in industrial occupations. This includes woodworking, painting, metal working, and drafting, and also the interplay of skills between these as adapted to teaching situations.

Mr. Brock

Educ 308—Industrial Education Laboratory—2 cr. (0 and 6)

The student is required to select his projects, furnish materials, make preliminary plans and sketches for them, and have these approved by the instructor. At the completion of each project in the laboratory the student is carefully examined concerning the work he has done.

Mr. Brock

Educ 309—Rural and Village School Problems—3 cr. (3 and 0)

This course is designed to introduce the student to the problems facing the teacher in rural and small town schools, and from this to determine the

qualifications necessary for a successful teacher. A study is made of correlation of the curriculum with the desirable social trends in agricultural and industrial communities, the summer session, transportation problems, and the special qualifications of teachers.

Mr. White

Educ 331—Observation of Industrial Teaching—1 cr. (0 and 3)

This course is designed to give the student a practical acquaintance with the duties of the industrial arts teacher, teacher of trade and industrial subjects, and coordinator of diversified occupations programs.

Mr. Brock Mr. Gentry

Educ 332—Organization of Trade and Industrial Courses of Study—3 cr. (3 and 0)

A study is made of purpose, scope, and use of job analysis in writing courses of study, writing and using instruction sheets for teaching, constructing achievement tests in industrial subjects. The student is required to select some industrial subject and write a course of study based upon analyses of jobs covered under that subject. Prospective teachers are urged to select subjects which they expect to teach later.

Mr. Brock

Educ 401—Methods in Agricultural Education—3 cr. (3 and 0)

In this course, problems in teaching vocational agriculture in high school teaching are considered. Some of the problems are as follows: organizing the teaching program; planning the course of study; making lesson plans; conducting field trips; farm shop work; Future Farmer work; supervised practice programs; and visual aids.

Mr. Monroe

Educ 402—Directed Teaching in Trade and Industrial Subject—6 cr. (1 and 15)

A study is made of organizing class, selection of teaching materials, planning work, discipline, teaching methods, examinations and grading, cooperation with school personnel, records and reports, inventories, and upkeep of equipment. Each student teacher periodically is given an opportunity to teach some industrial subject. During his teaching period, he is responsible for his class just as if he were an employed teacher of that subject, including conforming to the high school schedule and registration period.

Mr. Brock

Educ 403—Directed Teaching:All-Day Classes—3 cr. (0 and 9)

The purpose of this course is to develop the ability of prospective teachers to organize courses in vocational agriculture based on community farm problems, and practices, to conduct classes in accordance with sound educational principles of teaching, to gain experience in teaching, and to develop confidence in themselves as teachers. During the course, opportunity is given to observe and teach in nearby high school departments of vocational agriculture, under the supervision of the local teacher and a member of the agricultural education faculty. *Prerequisite*: This course should be taken concurrently with Educ 401.

Agricultural Education Staff

Educ 404—Directed Teaching: Adult Groups—3 cr. (0 and 9)

This course should be taken concurrently with Educ 402. In it farmers' practices are secured and evaluated, pertinent information organized and taught. The supervision of the improvement of the farming practices of adult or special groups of farmers is given careful consideration, as well as teaching farmers to secure and use the cannery, shop and other community services.

Agricultural Education Staff

Educ 412—Directed Teaching in High School Subjects—6 cr. (1 and 15)

Supervised practice teaching is given in general science, chemistry, mathematics, civics, etc., in order to develop skill in the best methods of teaching these subjects. (Enrollment is by individual approval and may be dependent upon observing the high school schedule including registration, etc.) A study is made of selection of subject matter, planning work, methods of teaching, examinations, grading, discipline, cooperation with school personnel, records, and reports.

Mr. Gentry

Educ 415—Administration of Vocational and Other Schools—3 cr. (3 and 0)

A course to acquaint the prospective teacher with modern administration technique in public education. Topics covered include: The public school curriculum, the administration of vocational departments, the duties of the principal and his relationship to the school board. Attention is also given to certain legal phases of school administration.

Educ 421—Coordination Methods in Vocational Education—2 cr. (2 and 0)

A study is made of the major occupations in the United States and in

South Carolina in order that prospective teachers may become informed as to possibilities in them and more intelligently give guidance to high school students. A survey is made of the youth problem, employment trends, general industrial conditions, kind of men industries want, survey of industrial plants, testing for mechanical aptitude, organizing occupations course in high school.

Mr. Booker

Educ 422—Problems in Adult Education—3 cr. (3 and 0)

This course should be taken concurrently with Educ 404. Determining the needs, securing and organizing necessary instructional material, planning lessons; teaching and supervising adult farmers or special groups receive major emphasis. The use of surveys, visual aids, publicity, school canneries, shop and other community services is included.

Mr. Bowen

Educ 424—Technique of Teaching—3 cr. (3 and 0)

The purpose of this course is to acquaint the prospective teacher with the most significant problems in trade and industrial teaching, to propose solutions for these problems consistent with most authoritative information available. The principal topics covered are shop planning; organizing classes; selection of equipment and tools; ways of securing materials and supplies for school shop; introducing, financing, and advertising a shop program; methods of teaching; and discipline.

Mr. Gentry

Educ 497—Audio-Visual Aids in Education—3 cr. (3 and 0)

The purpose of this course is to provide opportunities for study and use of moving pictures, film strips, cameras, photographs, charts, maps, globes, recording and sound devices, x-rays, radio, and other devices for preparing material and for teaching.

Mr. Brock

Educ 505—Occupational Guidance and Placement—3 cr. (3 and 0)

The organization and administration of a guidance program for schools of all sizes. A careful analysis is made of methods of interviewing students and counseling techniques involved in guidance. Data are collected on placement and follow-up work. A careful study is made of the needs for guidance in communities near the College.

Mr. Monroe

EDUC 506—HISTORY AND PHILOSOPHY OF EDUCATION—3 cr. (3 and 0)

This course attempts to study the development of education over the different periods of civilization beginning with Athenian education and tracing the educational movements through the different periods of history with emphasis being placed upon the development of education in the United States. With each period studied attention is first directed to the central features of the social order, to the dominant ideology, to the social structure, the classes of economic interest, and to the sources of political power, and the formation of political institutions and social arrangements. Educational policies and practices and newer philosophy of American education are given detailed attention.

MR. BOOKER

EDUC 508—EDUCATIONAL TESTS AND MEASUREMENTS—3 cr. (3 and 0)

A study of improved methods and techniques which may be used in the measurement of intelligence, specific aptitudes, and achievement. A survey is made of standardized tests, the sources from which they may be secured, and the purposes which may serve in classification and/or instruction of students. Emphasis is given to the construction of informal tests of achievement, and to the administration and interpretation of standardized group tests. Practice is provided in the use of standardized tests. The relationship of time and motion studies to industrial operations is considered.

MR. GENTRY

EDUC 550—RESEARCH IN AGRICULTURAL EDUCATION—3 cr. (3 and 0)

The purpose of this course is for the student to study and conduct research, organize data, study forms and methods of recording research, reports, and to actually write and present the instructor and later to the Graduate Committee a thesis.

MR. WHITE

EDUC 551—RESEARCH IN AGRICULTURAL EDUCATION—3 cr. (3 and 0)

A continuation of Educ 550.

MR. WHITE

EDUC 552—RESEARCH IN EDUCATION—3 cr. (3 and 0)

The purpose of this course is for the student to study and conduct research, organize data, study forms and methods of recording research, re-

ports, and to actually write and present to the instructor and later to the Graduate Committee a thesis.

MR. GENTRY

EDUC 553—RESEARCH IN EDUCATION—3 cr. (3 and 0)

A continuation of Educ 552.

MR. GENTRY

EDUC 554—RESEARCH IN INDUSTRIAL EDUCATION—3 cr. (3 and 0)

The purpose of this course is for the student to study and conduct research, organize data, study forms and methods of recording research, reports, and to actually write and present to the instructor and later to the Graduate Committee a thesis.

MR. BROCK

EDUC 555—RESEARCH IN INDUSTRIAL EDUCATION—3 cr. (3 and 0)

A continuation of Educ 554.

MR. BROCK

ELECTRICAL ENGINEERING

MR. RHODES

MR. TINGLEY	MR. GILES	MR. JONES
MR. HALLMARK	MR. GOODIN	MR. KERSEY
MR. BECKER	MR. MANN	*MR. LONG
MR. BEYER	MR. POE	MR. MARTIN
	MR. ADAMS	

E E 211—ELECTRIC CIRCUITS—3 cr. (3 and 0)

An introductory course in fundamental theory of electric and magnetic circuits with illustrative applications to electrical apparatus. *Prerequisite*: Enrollment in Math 203 and Phys 212 and 214

MR. MANN MR. JONES

E E 212—ELECTRIC FIELDS—3 cr. (2 and 3)

A continuation of E E 211 embracing the study of electromagnetic

*On leave

and dielectric fields and simple transients. Contains a correlated laboratory course. *Prerequisite*: E E 211; Phys 212, 214; and enrollment in Math 204

Mr. Rhodes Mr. Mann

E E 303—Electric Circuits and Machines—4 cr. (3 and 3)

An elementary course in circuits and machines and their applications in industry. Planned for Civil Engineering, Agricultural Engineering and Industrial Education students. *Prerequisite*: All mathematics and physics courses listed in the respective curricula in which E E 303 is required.

Mr. Jones Mr. Martin

E E 304—Vocational Electricity—2 cr. (1 and 3)

A brief course designed to assist Industrial Education students in planning electrical courses for high school students. *Prerequisite*: E E 303

Mr. Jones

E E 307—Direct-Currents and Machines—4 cr. (3 and 3)

Fundamental theory of direct-currents and machines with special emphasis on operating characteristics and industrial applications. *Prerequisite*: Math 203, and 204; Phys 211, 212, 213, and 214

Mr. Goodin Mr. Kersey

E E 308—Alternating-Current Circuits and Machines—4 cr. (3 and 3)

A continuation of E E 307 designed for a similar study of alternating-currents and machines with typical industrial applications. *Prerequisite*: E E 307

Mr. Poe

E E 311—Direct-Current Machinery—4 cr. (3 and 3)

The theory, construction, and operating characteristics of direct generators, motors and control equipment, accompanied by a coordinated series of laboratory tests. *Prerequisite*: E E 211 and 212

Mr. Goodin Mr. Kersey

E E 315—Alternating-Current Circuits—3 cr. (3 and 0)

A comprehensive study of alternating-current fundamentals. Use of the vector algebra method of solution of circuit problems. *Prerequisite*: E E 211 and 212

Mr. Adams

E E 316—Alternating-Current Circuits—4 cr. (3 and 3)

A continuation of E E 315 including the solution of problems involving non-sinusoidal currents, coupled circuits and balanced and unbalanced polyphase systems. Coordinated laboratory experiments included. *Prerequisite*: E E 315

Mr. Adams

E E 320—Electronics—4 cr. (3 and 3)

An introduction to electron tubes and circuits. Embraces thermionic emission, vacuum and gas filled tubes, photo-sensitive devices, cathode-ray tubes and rectifiers. Includes laboratory investigations and demonstrations. *Prerequisite*: E E 315; and enrollment in E E 316

Mr. Hallmark Mr. Martin

E E 405—Electrical Design—1 cr. (0 and 3)

The application of fundamental principles of electric and magnetic circuits through a series of design problems correlating with direct-current and alternating-current machinery courses. *Prerequisite*: E E 311, and enrollment in E E 411

Mr. Rhodes

E E 406—Electrical Design—1 cr. (0 and 3)

A continuation of E E 405 with specific application to synchronous and induction machinery problems. *Prerequisite*: E E 411

Mr. Rhodes

E E 411—Alternating-Current Machinery—5 cr. (3 and 6)

The application of fundamental circuit theory to alternating-current machinery. Study of the construction, theory, and operating characteristics of transformers and synchronous generators and motors. *Prerequisite*: E E 316

Mr. Beyer Mr. Giles

E E 412—Alternating-Current Machinery—4 cr. (3 and 3)

A continuation of E E 411 covering the theory, operating characteristics and industrial applications of induction motors, converters, and the principal types of commutator motors. *Prerequisite*: E E 411

Mr. Rhodes Mr. Tingley Mr. Poe

E E 415—Advanced Circuits—3 cr. (3 and 0)

A continuation of E E 315 and E E 316 embracing studies of transmission line calculations, electric filters, symmetrical components and power short-circuit calculations. *Prerequisite*: E E 316

Mr. Becker Mr. Beyer

E E 422—Electric Distribution—2 cr. (2 and 0)

Technical and economic features of local wiring systems; city and rural distribution; control and protective equipment. Includes reference studies. *Prerequisite*: E E 316; and enrollment in E E 411

Mr. Giles

E E 426—Electric Transients—3 cr. (2 and 3)

A course, largely experimental, covering physical phenomena and mathematical analysis of electric circuits and machines in transient state. Open to a limited number of advanced Electrical Engineering students. *Prerequisite*: E E 316, Math 306 and enrollment in E E 411

Mr. Tingley

E E 427—Advanced A.C. Machinery—3 cr. (3 and 0)

Supplementary to E E 411 and E E 412 and covering special and more complex features of alternating equipment. Planned for Electrical Engineering students electing Electric Power engineering. *Prerequisite*: E E 411; and enrollment in E E 412

Mr. Rhodes

E E 431—Radio Communication—4 cr. (3 and 3)

A study of the component circuits involved in radio communication systems; audio and radio frequency amplifiers, detectors, oscillators, amplitude modulation systems, power supplies and transmitter and receiver circuits. *Prerequisite*: E E 316, E E 320 and enrollment in E E 415

Mr. Hallmark Mr. Becker

E E 432—Radio Communication—4 cr. (3 and 3)

A continuation of E E 431. Includes frequency modulation, antennas and radio frequency transmission lines, ultra high frequency oscillators and detectors, and elementary acoustics and sound systems. *Prerequisite*: E E 431

Mr. Hallmark

E E 433—Industrial Electronics—3 cr. (2 and 3)

A course embracing the theory and applications of electronic equipment especially designed for industrial applications with special emphasis given to the study of rectifiers, high frequency heating, welding controls, x-ray analysis, speed and voltage regulators, synchronizers, timers, etc. *Prerequisite*: E E 320 and E E 411

Mr. Tingley

E E 436—Radiation and Wave Propagation—3 cr. (3 and 0)

An advanced study of electric fields, vector analysis, Maxwell's equations, wave guides, radiation, antennas and propagation of waves in space. *Prerequisite*: E E 431

Mr. Hallmark

E E 501—Advanced Electric Transients—3 cr. (2 and 3)

Application of both Heaviside operational analysis and classical methods to electric transients; machinery transients involving circuits with time-varying parameters; transmission line transients. Development of experimental technique and verification of theory by oscillographic work in the laboratory.

Mr. Tingley

E E 511—Electric Power Stations—3 cr. (3 and 0)

A comprehensive study of station lay-out generating equipment, exciters, transformers, meters, switching protective devices. Economical arrangement and operation is emphasized.

Mr. Rhodes

E E 520—Ultra-High Frequency Techniques—4 cr. (3 and 3)

Applications of conventional tubes at high frequencies, characteristics of the magnetron and velocity modulated tubes, Cathode ray tubes and circuits, applications of transmission lines, waveguides and cavity resonators. *Prerequisite:* E E 432 or the equivalent.

Mr. Hallmark

E E 521—Radiation and Wave Propagation—3 cr. (3 and 0)

An advanced study of electric fields, vector analysis, Maxwell's equations and their use in the study of wave guides, radiation, and wave propagation.

Mr. Hallmark

ENGLISH

Mr. Bradley

Mr. Kinard	Mr. MacIntosh	Mr. Bennett
Mr. J. C. Green	Mr. Owings	Mr. Caskey
Mr. Lane	Mr. Felder	Mr. J. T. Cox
Mr. Taylor	Mr. McGee	Mr. Holt
*Mr. H. M. Cox	Mr. Purser	Mr. Tyner
*Mr. C. B. Green	Mr. Wilson	Mr. Watson
	Mr. Winter	

Engl 100—Remedial English—Non-credit (3 and 0)

A refresher course for students failing the placement test for English 101; a thorough review of grammar, punctuation, and sentence structure with drill in general correctness; some study of the principles of the paragraph, the whole composition, and letter writing.

The English Staff

*On leave.

ENGL 101—COMPOSITION AND LITERATURE—3 cr. (3 and 0)

A course intended to train the student in correct and effective expression and to acquaint him with the various kinds of good writing. *Prerequisite*: Satisfactory score on the English Placement test or successful completion of Engl 100

THE ENGLISH STAFF

ENGL 102—COMPOSITION AND LITERATURE—3 cr. (3 and 0)

A continuation of the work of English 101 with word study, a wider scope of reading, and special attention to longer pieces of writing. *Prerequisite*: Engl 101

THE ENGLISH STAFF

ENGL 203—A SURVEY OF ENGLISH LITERATURE—3 cr. (3 and 0)

A study of the chief authors and works in English literature from *Beowulf* to the beginning of the Romantic movement. *Prerequisite*: Engl 101 and 102

THE ENGLISH STAFF

ENGL 204—A SURVEY OF ENGLISH LITERATURE—3 cr. (3 and 0)

A continuation of English 203 including a study of the chief authors of the Romantic and Victorian periods. Prerequisite: Engl 101 and 102

THE ENGLISH STAFF

ENGL 300—ENGLISH AT WORK—1 to 4 cr.

A study of the duties and responsibilities shouldered by students who edit uncensored publications. Professional journalists and other qualified individuals from the campus and elsewhere lead the discussions and offer constructive criticism. As often as practicable, the most recent issue of a student publication is selected for discussion. Enrollment is limited to staff members of student publications. Extra credits by approval of Faculty Adviser only. *Prerequisite*: Engl 101 and 102

MR. LANE

ENGL 301—PUBLIC SPEAKING—3 cr. (3 and 0)

A course of practical training in public speaking: the improvement of articulation, voice, and platform presence; the writing and delivery of

short speeches; impromptu and extemporaneous speaking and debating; dummy broadcasting and drill with recording equipment for improvement in voice and oral composition. *Prerequisite*: Engl 203 and 204

Mr. Bradley Mr. Lane Mr. McGee Mr. Wilson
Mr. J. C. Green Mr. Owings Mr. Purser Mr. Winter

Engl 302—Business Law—3 cr. (3 and 0)

A study of the basic principles of Business Law; the origin and purpose of laws; contracts; agency, negotiable instruments; bailments and carriers; illustrative cases. *Prerequisite*: Engl 203 and 204

Mr. Bradley Mr. J. C. Green Mr. Lane

Engl 305—Expository Writing—3 cr. (3 and 0)

Training in the processes of expository writing or explanation; the qualities and tools of exposition; various forms of expository writing. *Prerequisite*: *Engl* 203 and 204

Mr. Purser

Engl 400—The Thesis—1 cr. (0 and 3)

A course in practical guidance to the student in making research and presenting the results in proper form; statement of the problem with origin and history; object and scope of the investigation; application of results; plan of procedure. (To be prepared under the direction of a member of the School of Arts and Sciences and approved by him, as to content, and by a member of the English Department, as to form.) *Prerequisite*: Engl 203 and 204

Engl 405—Shakespeare—3 cr. (3 and 0)

To give the student as comprehensive an acquaintance as possible with Shakespeare's plays and some understanding of his development as a dramatist. *Prerequisite*: *Engl* 203 and 204

Mr. Taylor

Engl 406—Shakespeare—3 cr. (3 and 0)

A continuation of the work as outlined in Engl 405. *Prerequisite*: Engl 203 and 204

Mr. Taylor

ENGL 409—CHAUCER—3 cr. (3 and 0)

A study of the language, verse forms, and stories of Chaucer; reading from the *Prologue and the Canterbury Tales;* supplementary reading of historical and critical authors. *Prerequisite*: Engl 203 and 204

MR. BRADLEY

ENGL 410—CHAUCER—3 cr. (3 and 0)

Continuation of the work of English 409 with wider reading in the works of Chaucer; reading of Troilus and Creiseyde with a study of motivation for the love casuistry and tragic element of the poem. *Prerequisite*: Engl 409

MR. BRADLEY

ENGL 415—INTRODUCTION TO DRAMA—3 cr. (3 and 0)

A study of principles and progress of drama from Aeschylus to Ibsen, analysis of representative plays, writing of critical reports, practice in classroom reading of great scenes. *Prerequisite*: Engl 203 and 204

MR. LANE

ENGL 416—INTRODUCTION TO DRAMA—3 cr. (3 and 0)

A study of principles and progress of drama from Ibsen to the present days, analysis of representative plays, writing of critical reports, classroom reading of great scenes, and discussion of all important aspects of modern drama. *Prerequisite*: Engl 203 and 204

MR. LANE

ENGL 419—SELECTED MASTERPIECES—3 cr. (3 and 0)

A study of a variety of literary masterpieces, principally from English literature but including some world literature in English translation, with emphasis on acquaintance with and appreciation of individual outstanding works. *Prerequisite*: Engl 203 and 204

MR. KINARD

ENGL 420—SELECTED MASTERPIECES—3 cr. (3 and 0)

A continuation of English 419 using different selections. *Prerequisite*: Engl 203 and 204

MR. KINARD

ENGL 423—AMERICAN LITERATURE—3 cr. (3 and 0)

To give the student a more thorough knowledge and a deeper appreciation of the literature of the United States; beginning with the earlier selections and outstanding authors, the study ends with period immediately preceding the Civil War; special emphasis is given to Poe, Emerson, Hawthorne, and Melville. *Prerequisite*: Engl 203 and 204

MR. J. C. GREEN

ENGL 424—AMERICAN LITERATURE—3 cr. (3 and 0)

A continuation of study from Whitman to the present with emphasis upon the literature of the South. *Prerequisite*: Engl 203 and 204

MR. J. C. GREEN

ENGL 425—THE ROMANTIC REVIVAL—3 cr. (3 and 0)

A study of the rise of Romanticism in English Literature; an evaluation of the contribution of the Eighteenth Century forerunners, followed by a study of Wordsworth, Coleridge, and Scott. *Prerequisite*:Engl 203 and 204

MR. OWINGS

ENGL 426—THE ROMANTIC REVIVAL—3 cr. (3 and 0)

Continuation of the work of English 425 with particular emphasis on the poets: Byron, Shelley, and Keats and on the essayists: Hazlitt, Lamb, DeQuincey, and Leigh Hunt. *Prerequisite*: Engl 203 and 204

MR. OWINGS

ENGL 427—VICTORIAN LITERATURE—3 cr. (3 and 0)

A study of representative works from Tennyson, Browning, Carlyle, and John Stuart Mill. Some consideration of the intellectual, social, and political life of England in the first half of the nineteenth century. *Prerequisite*: Engl 203 and 204

MR. C. B. GREEN

ENGL 428—VICTORIAN LITERATURE—3 cr. (3 and 0)

A study of representative works from Arnold, Swinburne, Ruskin, and Pater. An examination of some of the theories of life and art which influenced the writings of these men. *Prerequisite*: Engl 203 and 204

MR. C. B. GREEN

ENGL 429—THE ENGLISH NOVEL—3 cr. (3 and 0)

A survey of major English novelists from Defoe to Scott. Selections will vary from year to year, and students will be allowed some latitude in their choice of readings. *Prerequisite*: Engl 203 and 204

MR. H. M. COX

ENGL 430—THE ENGLISH NOVEL—3 cr. (3 and 0)

A continuation of English 429, with emphasis upon English Victorian novelists. *Prerequisite*: Engl 203 and 204

MR. H. M. COX

ENGL 431—ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY—3 cr. (3 and 0)

A brief background survey of the literature and thought of the Restoration (Dryden, Denham, Cowley, Hobbes, Locke, Mandeville, Halifax, Bunyan, Evelyn, Pepys, Butler, Temple, Cibber, and Shaftesbury) followed by readings in Prior, Swift, Defoe, Pope, Gay, and Addison and Steele. *Prerequisite*: Engl 203 and 204

MR. MACINTOSH

ENGL 432—ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY—3 cr. (3 and 0)

A study of Goldsmith, Johnson, Boswell, Burke, and the Earl of Chesterfield, together with some consideration of the poetry of Young, Thomson, Shenstone, Collins, Cowper, Gray, and Blake. *Prerequisite*: Engl 203 and 204

MR. MACINTOSH

ENTOMOLOGY

MR. DUNAVAN MR. WARE MR. WARNHOFF

ENT 301—ELEMENTARY AND ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

A general introduction to Entomology with emphasis on anatomy, metamorphosis, life-histories of our most important species and methods of control. *Prerequisite*: Zool 101 and 103

MR. WARNHOFF

ENT 302—GENERAL ENTOMOLOGY—3 cr. (2 and 3)

This course designed especially for students who take major work in Entomology provides basic training in general phases of Entomology covering especially metamorphosis, classification, habits and characteristics of members of principal families of all orders of insects. Special attention is also given to technique of collecting and preserving insects. *Prerequisites*: Zool 101, 103 and Ent 301

MR. DUNAVAN

ENT 401—ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

This course affords training in identification and life-histories of injurious insects, their damage, and control measures. Common pests of the following are studied: corn, small grains, legume field crops, tobacco, sugar cane, stored grain and seed, livestock and man. *Prerequisites*: Zool 101, 103 and Ent 301

MR. WARNHOFF

ENT 402—ECONOMIC ENTOMOLOGY—3 cr. (2 and 3)

An intensive study of insecticides and other control measures for insects. This is followed by detailed study of habits, life-histories and approved control measures for insect pests of all fruit and vegetable crops. *Prerequisites*: Zool 101, 103 and Ent 301

MR. WARNHOFF

ENT 405—INSECT MORPHOLOGY—3 cr. (2 and 3)

A course especially arranged for students with major work in Entomology. A detailed study of external and internal anatomy of insects. *Prerequisites*: Ent 301 and Ent 302

MR. DUNAVAN

ENT 406—BEEKEEPING—3 cr. (2 and 3)

A study of practical beekeeping methods. Each student personally manages a hive of bees throughout the term. Special attention is given to bee behavior, spring and fall management and honey production methods. *Prerequisite*: Ent 301

MR. DUNAVAN

ENT 451—INTRODUCTION TO RESEARCH—2 cr. (1 and 3)

A study of approved methods of investigating entomological problems. Each student conducts a minor investigation, gathers data, and writes a graduation thesis. *Prerequisites*: Ent 301 and Ent 302

MR. DUNAVAN

ENT 452—TAXONOMIC ENTOMOLOGY—2 cr. (1 and 3)

A study of principles involved in the systematic classification of insects with some attention to historical aspects including great taxonomists of the past. Intensive studies of generic characteristics of insects in several major families are made. *Prerequisite*: Zool 101, 103, Ent 301, and Ent 302

MR. DUNAVAN

ENT 456—PARASITOLOGY—3 cr. (2 and 3)

Designed to give technical training in parasites affecting man and domestic animals. Life cycles, vectors, and practical controls are emphasized.

MR. WARE

ENT 460—SEMINAR—2 cr. (2 and 0)

Students review the principal journals pertaining to insects and related animals; also review the lives and activities of prominent pioneer entomologists. *Prerequisites*: Zool 101, 103 and 301; Ent 301 and 302

MR. WARNHOFF

FORESTRY

MR. LEHOTSKY

FOR 201, 203—GENERAL FORESTRY—3 cr. (2 and 3)

A general introduction to and survey of the field of forestry. An introductory course for pre-forestry students, and a survey of the field of regional, national and world forestry problems arranged for non-foresters. The forest resource and its place in human welfare.

MR. LEHOTSKY

For 202, 204—Dendrology—4 cr. (3 and 3)

The identification of the commercially important trees of the United States including nomenclature; family, genus and species characteristics; range and distribution. Field identification of the trees native to South Carolina and of commonly planted exotics. *Prerequisite*: Bot 101 and 103

Mr. Lehotsky

For 304, 306—Farm Forestry—3 cr. (2 and 3)

A study of the general problems dealing with the scientific management of small forest areas. Tree identification, tree measurements, forest measurements, forest products, silvicultural management of the important forest types of the region, intermediate and final cuttings, plantations, marketing of forest products and forest protection. Laboratory and field work on college forest lands and forestry operations. *Prerequisite*: Bot 101, and 103

Mr. Lehotsky

FRENCH

Mr. Dean Mr. Hardee

Fr 101—Elementary French—3 cr. (3 and 0)

A course for beginners, in which through conversation, composition, and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

Mr. Dean Mr. Hardee

Fr 102—Elementary French—3 cr. (3 and 0)

A continuation of Fr 101, in which a reader is also used.

Mr. Hardee

Fr 201—Intermediate French—3 cr. (3 and 0)

A short review of grammar, with conversation, composition, and dictation continued from Fr 102 and the beginning of more serious reading of French prose in short stories or novels.

Mr. Dean Mr. Hardee

Fr 202—Intermediate French—3 cr. (3 and 0)

While attention is paid to writing and speaking French, more stress is laid on the rapid reading of more difficult French prose than in the earlier courses.

Mr. Dean

Fr 301—Advanced French—3 cr. (3 and 0)

Rapid reading of difficult literary or scientific French prose.

Mr. Dean

Fr 302—Advanced French—3 cr. (3 and 0)

A continuation of Fr 301, with selections being made to suit the needs of the students.

Mr. Dean

GEOGRAPHY

*Mr. Carpenter

Geog 301—Economic Geography—3 cr. (3 and 0)

A study of the geographic conditions fundamental to the world's resources—agricultural, mineral, and industrial, and the conditions which affect their production, exchange, and consumption. A special study will be made of the South. *Prerequisite*: Junior Standing

Mr. Carpenter

Geog 302—Geopolitics—3 cr. (3 and 0)

A study of the geopolitical pattern of great powers, nations and dependencies; their territorial structure, resources, and connections. An examination of the principles of political geography, their application to current history, from an American geographical viewpoint. *Prerequisite*: Junior Standing

Mr. Carpenter

*On leave

GEOLOGY AND MINERALOGY

MR. CALHOUN

GEOL 201—AGRICULTURAL GEOLOGY—3 cr. (3 and 0)

In this course the student is shown the relationships existing between geology and practical agricultural problems, especially those in connection with soil formation and adaptation. Soil making minerals and rocks; formation of soils and rocks, the question of the relation of underground water to springs, wells and drainage problems is considered.

MR. CALHOUN

GEOL 203—GENERAL GEOLOGY—3 cr. (3 and 0)

This course is intended to familiarize students with geology as applied not only to a thorough enjoyment of nature, but also to its many practical applications.

MR. CALHOUN

GEOL 204—GENERAL GEOLOGY—3 cr. (3 and 0)

In the second semester the evolution of the earth, through all of its changes to the geography and life of the present day, is traced.

MR. CALHOUN

GEOL 302—OPTICAL MINERALOGY—4 cr. (3 and 3)

A study of the use of the microscope for the identification of ceramic materials and the mineral constituents of ceramic products.

GEOL 306—MINERALOGY—4 cr. (3 and 3)

The purpose is to give the student a comprehensive knowledge of crystallography and descriptive and determinative mineralogy.

MR. CALHOUN

GEOL 402—METEOROLOGY—2 cr. (2 and 0)

A course designed to give the general principles of meteorology and climatology as applied to farming, aviation, and to those sciences which require a knowledge of such principles.

MR. CALHOUN

GEOL 406—ENGINEERING GEOLOGY—3 cr. (3 and 0)

A course that shows the practical application of geology to problems of engineering. Topographic and geologic maps are used extensively in connection with the text.

MR. CALHOUN

GERMAN

MR. RHYNE

GER 101—ELEMENTARY GERMAN—3 cr. (3 and 0)

A course for beginners, in which through conversation, composition and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

MR. RHYNE

GER 102—ELEMENTARY GERMAN—3 cr. (3 and 0)

A continuation of Ger 101, in which a reader is also used.

MR. RHYNE

GER 201—INTERMEDIATE GERMAN—3 cr. (3 and 0)

A short review of grammar, with conversation, composition, and dictation continued from Ger 102 and the beginning of more serious reading of German prose in short stories or novels.

MR. RHYNE

GER 202—INTERMEDIATE GERMAN—3 cr. (3 and 0)

While attention is paid to writing and speaking German, more stress is laid on the rapid reading of more difficult German prose than in the earlier courses.

MR. RHYNE

GER 301—ADVANCED GERMAN—3 cr. (3 and 0)

Rapid reading of difficult literary or scientific German prose.

MR. RHYNE

GER 302—ADVANCED GERMAN—3 cr. (3 and 0)

A continuation of Ger 301, with selections being made to suit the needs of the students.

MR. RHYNE

GOVERNMENT

MR. EPTING	MR. ALEXANDER	MR. TUTTLE
MR. CROUCH	*MR. CARPENTER	MR. WEBB
MR. BOLEN	*MR. LANDER	MR. WILLIAMS

GOV 101—AMERICAN NATIONAL GOVERNMENT—3 cr. (3 and 0)

A survey of the principles, structure, and functions of the national government of the United States. Not open to Juniors and Seniors.

GOVERNMENT STAFF

GOV 301—AMERICAN GOVERNMENT AND POLITICAL PARTIES—3 cr. (3 and 0)

A study of the constitution; powers and functions of executive, legislative, and judicial branches; citizenship; expansion of governmental activities; relations to the states, and territories. A study of the nature, development, organization, and methods of political parties, and the conduct of elections. *Prerequisite*: Not open to those who have completed Gov 101.

MR. CARPENTER

GOV 302—STATE AND LOCAL GOVERNMENT—3 cr. (3 and 0)

An integrated study of American state and local government structural features, functions and legislative, administrative, and judicial processes. *Prerequisite*: Gov 101 or 301 and permission of the instructor.

MR. EPTING

GOV 401—COMPARATIVE GOVERNMENT—3 cr. (3 and 0)

A study of the historical development of present-day political institutions and a comparison of the functioning of these institutions in the United States, Great Britain, Russia, Switzerland, and other countries. *Prerequisite*: Gov 101 and permission of the instructor

MR. BOLEN

*On leave

Gov 403—International Relations—3 cr. (3 and 0)

To acquaint the student with current world movements and conditions, so that he may be able to think intelligently on the problems confronting our nation. *Prerequisite*: Senior standing

Mr. Crouch

HISTORY

Mr. Epting
Mr. Alexander
Mr. Bolen
*Mr. Carpenter
*Mr. Lander
Mr. Tuttle
Mr. Webb
Mr. Williams

Hist 101—American History—3 cr. (3 and 0)

A survey of the political, economic, and social development of the American people from the period of discovery to the end of the Civil War.

History Staff

Hist 102—American History—3 cr. (3 and 0)

A survey of the political, economic and social development of the American people from the end of the Civil War to the present.

History Staff

Hist 301—History of the United States since 1865—3 cr. (3 and 0)

An advanced study of the political, social, and economic development of the United States since the end of the Civil War. *Prerequisite*: Junior standing. Not open to students who have completed Hist 102.

History Staff

Hist 303—History of Civilization—3 cr. (3 and 0)

A study of the political, economic and social institutions, as well as the outstanding personalities of Western Civilization from ancient times to 1648. *Prerequisite*: Junior standing or permission of instructor.

Mr. Bolen

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*On leave

HIST 304—HISTORY OF CIVILIZATION—3 cr. (3 and 0)

A study of the political, economic, and social conditions and institutions, as well as the outstanding personalities of Western Civilization from 1648 to the present. *Prerequisite*: Junior standing or permission of instructor.

MR. BOLEN

HIST 306—AMERICAN BIOGRAPHY—3 cr. (3 and 0)

A study of political leaders of the United States with emphasis on the significance of leadership in United States history and critical appreciation of biographical writing. *Prerequisite*: Junior standing.

MR. ALEXANDER

HIST 307—A DIPLOMATIC HISTORY OF THE UNITED STATES—3 cr. (3 and 0)

A history of United States foreign relations from 1775 to date with emphasis being placed upon the directing forces, particularly public opinion, that have shaped American diplomatic policies. Also stressed are the causes and results of all foreign wars in which the United States has been engaged. *Prerequisite*: Junior standing

MR. LANDER

HIST 308—EUROPE SINCE 1918—3 cr. (3 and 0)

A history of Europe since the end of World War I with emphasis being placed upon the rise to power of the Communist, Fascist, and National Socialist regimes in Russia, Italy, and Germany, respectively. *Prerequisite*: Junior standing

MR. LANDER

HIST 309—HISTORY OF ENGLAND—3 cr. (3 and 0)

A study of the economic, political, and social institutions of the English people from early times to the present. *Prerequisite*: Junior standing.

MR. BOLEN

HIST 311—HISTORY OF LATIN AMERICA—3 cr. (3 and 0)

A survey of the political, economic, social, and cultural development of Latin America. *Prerequisite*: Junior standing.

MR. EPTING

HIST 401—HISTORY OF SOUTH CAROLINA—3 cr. (3 and 0)

A study of the political, economic and social conditions and institutions of South Carolina from 1670 up to the present.

A special feature is a study of the outstanding personalities and of the historical literature. *Prerequisite*: Junior or Senior standing or permission of instructor

MR. EPTING

HIST 403—HISTORY OF THE SOUTH TO 1865—3 cr. (3 and 0)

A study of the geography and climate of the South and the origins and development of political, economic, social, and cultural institutions. *Prerequisite*: Junior standing

MR. ALEXANDER

HIST 404—HISTORY OF THE SOUTH SINCE 1865—3 cr. (3 and 0)

A study of the economic and social changes in the South during the Reconstruction period and of trends in industrialization, agriculture, politics, race relations, and culture to the present. *Prerequisite*: Junior standing

MR. ALEXANDER

HIST 405—THE AMERICAN FRONTIER—3 cr. (3 and 0)

A course dealing specifically with American expansion westward from the original colonies. This course will consider the westward movement in respect to population, political, economic, social and cultural development; analyze the process of national adjustments; and weigh the contributions of each succeeding period. It will consider both the early West and the Trans-Mississippi West. *Prerequisite*: Junior standing

MR. WILLIAMS

HIST 406—HISTORY OF MANUFACTURING IN THE UNITED STATES—3 cr. (3 and 0)

A study of the sustained growth of manufacturing in the United States since the Revolutionary War. Particular emphasis is placed on the history of major basic industries. The course will consider the economic, political, and social effects of industrial growth on American history. *Prerequisite*: Junior standing, or permission of the instructor.

MR. WILLIAMS

HORTICULTURE

Mr. Musser

Mr. Garrison Mr. Van Blaricom Mr. Thode

Mr. Sefick Mr. Senn

Hort 201—General Horticulture—3 cr. (2 and 3)

A study of the fundamental plant processes, the influence of light, temperature, water and nutrients upon vegetative growth and reproduction of horticultural crops. Production practices, harvesting, storage and marketing of the principal fruit, vegetable and ornamental crops are discussed with demonstrations and practice in greenhouse and orchard. *Prerequisite*: Bot 101, 103 and Chem 101

Mr. Sefick Mr. Senn

Hort 301—Principles of Vegetable Production—3 cr. (2 and 3)

A study of the general principles of vegetable growing and handling. Phases receiving special emphasis are: economic importance, producing areas, management practices, plant forcing, cultural practices, irrigation, quality factors, harvesting, grading, packing, storage, market inspection, transportation, refrigeration, exhibition, roadside marketing, and seed production. *Prerequisite*: Hort 201

Mr. Garrison

Hort 305—Plant Propagation and Nursery Management—3 cr. (2 and 3)

A study of methods of propagation; time, manner, and material for making cuttings; temperature and media for rooting cuttings of ornamental trees, shrubs and flowering plants; propagating structures, soils, fertilizers, and management methods for commercial nurseries. Practical instruction given in field and greenhouse. *Prerequisite*: Hort 201

Mr. Thode

Hort 306, 308—Elementary Landscape Design—3 cr. (2 and 3)

A study of plant material used in landscape design; instruction in landscaping and developing home grounds and execution of design.

Mr. Thode

HORT 401, 403—LANDSCAPE DESIGN—3 cr. (2 and 3)

Instruction in the use of plant material used in landscaping homes, parks and small estates and designing of larger areas. Designs to be executed in detail. *Prerequisite*: Hort 306 and 308

MR. THODE

HORT 402, 404—GARDEN DESIGN—3 cr. (2 and 3)

Instruction in design of both formal and informal gardens; use of herbaceous plant material and execution of plans. *Prerequisite*: Hort 306 and 308

MR. THODE

HORT 405—NUT CULTURE AND SPRAYS—3 cr. (2 and 3)

Part I—Nut Culture—a study of production, harvesting and marketing of the principal nut crops with emphasis on the pecan.

Part II—Sprays and application equipment—a study of the properties of spray chemicals, their influence on plant functions, effectiveness in controlling pests of horticultural crops and methods of application. *Prerequisite*: Hort 201

MR. SEFICK

HORT 409—SEMINAR—1 cr. (1 and 0)

A study of recent research work on various phases of horticulture, methods of conducting investigations and preparation of report of investigations.

MR. MUSSER AND STAFF

HORT 410—SEMINAR—1 cr. (1 and 0)

A continuation of Hort 409.

MR. MUSSER AND STAFF

HORT 415—FLORICULTURE—3 cr. (2 and 3)

A study of greenhouse production of commercial flower crops, soils, fertilizers, greenhouse diseases and insects, flower crops (major crops: roses, carnations, chrysanthemums; minor crops: sweet peas, snapdragons,

violets, calendula, asters, gardenia, poinsettia, bulbs in variety) to be grown on benches and as pot plants; marketing and costs of production. *Prerequisite*: Hort 201 and 305

Mr. Thode

Hort 451—Systematic Pomology and Small Fruit Culture—3 cr. (2 and 3)

Part I—Systematic Pomology—A study of the structure of fruit plants—physiological characters; methods of work in systematic pomology; habitat, history, color, form, structure, flavor and use of fruits; judging and displaying fruits.

Part II—Small Fruit Culture—A study of varieties, soils, sites, culture, fertilizers, harvesting and preparation for marketing of grapes, strawberries, dewberries, blackberries, raspberries and other small fruits. *Prerequisite*: Hort 201

Mr. Musser

Hort 452—Commercial Pomology—3 cr. (2 and 3)

A study of fruit bud formation, rest period and water relations of fruit plants, soils, fruit setting; orchard soil management and responses of various fruits to fertilizers, principles of pruning, effect of climatic differences, freezing of tissues and means of avoiding injury, harvesting, transportation, and storage. *Prerequisite*: Hort 201

Mr. Musser

Hort 455—Breeding Horticultural Crops—3 cr. (2 and 3)

A study of the principles and practices of plant breeding. The principal topics include: inheritance of characters, modes of reproduction, techniques of selfing and crossing, selection, hybridization, disease and insect resistance, application of biometrical analysis, and field plot technique. *Prerequisite*: Agron 302

Mr. Garrison

Hort 456—Truck Crops—3 cr. (2 and 3)

A detailed study of the principles and practices employed in the growing and marketing of truck crops. Emphasis is placed on plant characteristics, varieties, soils, fertilizers, harvesting, and preparation for market. *Prerequisite*: Hort 201

Mr. Garrison

Hort 460—Advanced Landscape Design—3 cr. (2 and 3)

A study of civic improvement, mill villages, public buildings, squares, parks, storm water control, water courses, lakes, lawns, drives, and walks; trees and shrubs and their requirements; study of finished problems in landscape design, original problems, field work and costs. *Prerequisite*: Hort 306, 308 and 401, 403

Mr. Thode

Hort 464—Food Preservation—3 cr. (2 and 3)

Theoretical background and fundamental processes of food preservation. The course includes modern canning technique for community and commercial canneries; frozen food preservation; study of important crops grown in South Carolina suitable for canning; factors which influence the commercial operation of a cannery; causes of food spoiling; factors which influence quality packs; U. S. Standard grades for canned goods; and a study of jams, jellies and preserves, dehydration and pickle manufacturing. *Prerequisite*: Bact 301 and 303

Mr. Van Blaricom

INDUSTRIAL ARTS

Mr. Marshall

In Ar 301—Industrial Arts—1 cr. (0 and 3)

(a) An elective course in the art of wood turning based upon spindle and face plate turning in which correct design is emphasized.
(b) Practice in the proper handling of woodworking tools, their use and care.

Mr. Marshall

In Ar 302—Industrial Arts—1 cr. (0 and 3)

An elective course in advanced machine woodworking. Making of well-designed furniture and cabinets. Wood finishing materials and their application. *Prerequisite*: In Ar 301 or In En 202

Mr. Marshall

In Ar 303—Industrial Arts—2 cr. (1 and 3)

A course to include project construction, finishing, care of shop tools and equipment, characteristics of woods, fasteners, finishing materials, glues, and the shop budget.

Mr. Marshall

In Ar 304—Special Methods in Industrial Arts—2 cr. (1 and 3)

A study in fundamental skills, knowledges, and appreciation of woodwork. Special technique and method of approach in teaching shop subjects in high schools are also covered.

Mr. Marshall

INDUSTRIAL ENGINEERING

Mr. Freeman - Mr. Marshall
Mr. Brock Mr. Couch Mr. Meeks
Mr. Stenstrom

In En 101—Metal Processes—2 cr. (0 and 6)

A study of forge equipment; materials used in forgings, selections of materials, method of working and treating, heat treating, and case hardening. A study of materials used in foundry; the cupola, moulding sand, cores, patterns, the crucible furnace, the cleaning and inspection of castings. A study of welding equipment; safety practices, jigs, inspection and testing of welds. Lectures and demonstrations accompany this work.

Mr. Couch Mr. Meeks

In En 201—Metal Processes—2 cr. (0 and 6)

A study of metal cutting processes, including the possibilities and limitations in machine tool operation, job order, lot intermittent and mass production principles. The work is covered by lecture and shop practice with the fundamental machine and hand tools. *Prerequisite:* D D 106, Math 103, In En 101

Mr. Freeman Mr. Stenstrom

In En 202—Wood Processes—2 cr. (0 and 6)

A study of the most suitable materials, hand and machine tools used in the construction of wood patterns. The fundamental processes involved in the fashioning of typical patterns, keeping in mind the relations of the allied department, particularly those of the foundry.

Mr. Brock Mr. Banister Mr. Marshall

In En 205—Construction Materials—2 cr. (2 and 0)

A study of the sources of materials used in industry; a study of wood, concrete, ferrous alloys, non-ferrous materials, brick, tile, and other building materials. This course is designed to help the engineer to select the proper material for any given job.

Mr. Couch

In En 302—Welding—2 cr. (1 and 3)

A study of the identification and weldability of metals; the equipment used; safe practices; welding materials and supplies; pre-treatment and after-treatment of welds; jigs and fixtures; inspection and testing; the cost of welding. *Prerequisite*: In En 101

Mr. Couch

In En 402—Metallurgy—3 cr. (3 and 0)

A general course in the fundamentals of engineering physical metallurgy. The course is designed to give students in other fields of engineering a general working knowledge of problems involving ferrous and nonferrous physical metallurgy. *Prerequisite*: Chem 101 and 102

Mr. Freeman

MATHEMATICS

Mr. Bell
Mr. Brewster
Mr. Coker
Mr. Edwards
Mr. Kirkwood
Mr. Sheldon
Mr. LaGrone
Mr. Miller
Mr. Armstrong
Mr. Brown
Mr. Park
Mr. Stanley
Mr. Stuart
Mr. Hind
*Mr. Kelly
Mr. Sullivan
Mr. Vause

Math 100—Remedial Mathematics—Non-credit (5 and 0)

Required of all entering freshmen who fail to make a satisfactory grade on the placement examination in mathematics.

An intensified review of the basic principles of high school mathematics which are prerequisite for the study of college mathematics.

Mathematics Staff

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MATH 101—COLLEGE ALGEBRA—3 cr. (3 and 0)

A study of elementary college algebra including the fundamental operations, factoring and fractions, equations, ratio and proportion, functions and their graphs, exponents, radicals, quadratic equations. *Prerequisite*: A satisfactory grade on the placement examination

MATHEMATICS STAFF

MATH 102—TRIGONOMETRY (PLANE)—3 cr. (3 and 0)

A study of the trigonometric functions, the solution of right and oblique triangles, trigonometric identities, trigonometric equations, graphs of the trigonometric functions, inverse trigonometric functions. *Prerequisite*: A satisfactory grade on the placement examination.

MATHEMATICS STAFF

MATH 103—FRESHMAN MATHEMATICS—5 cr. (5 and 0)

A six weeks' study of elementary algebra up to and including quadratic equations followed by twelve weeks of plane trigonometry. *Prerequisite*: A satisfactory grade on the placement examination.

MATHEMATICS STAFF

MATH 104—FRESHMAN MATHEMATICS—5 cr. (5 and 0)

Six weeks of algebra including systems of quadratic equations, progressions, the binomial theorem, complex numbers, determinants, partial fractions, followed by twelve weeks of analytic geometry including the straight line, the conics, transformation of coordinates, equations and their loci. *Prerequisite*: Math 103

MATHEMATICS STAFF

MATH 201—DIFFERENTIAL CALCULUS—3 cr. (3 and 0)

A short course in the differentiation of algebraic and transcendental functions, maxima and minima, curve tracing. *Prerequisite*: Math 104

MR. EDWARDS

MATH 202—INTEGRAL CALCULUS—3 cr. (3 and 0)

A short course in the integration of simple functions, the definite integral, areas, volumes, lengths of lines. *Prerequisite*: Math 201

MR. BELL

MATH 203—DIFFERENTIAL CALCULUS—5 cr. (5 and 0)

A study of differentiation and its application to maxima and minima problems, curve tracing, curvature, rates, differentials. *Prerequisite*: Math 104

MATHEMATICS STAFF

MATH 204—INTEGRAL CALCULUS—5 cr. (5 and 0)

A study of integration and its application to areas, volumes, lengths of curves, multiple integration, engineering problems. *Prerequisite*: Math 203

MATHEMATICS STAFF

MATH 301—ADVANCED ALGEBRA—3 cr. (3 and 0)

An advanced treatment of ratio and proportion, variation, progressions, surds, imaginary quantities, equations, permutations, binomial and multinomial expansions, inequalities. *Prerequisite*: Math 104

MR. STANLEY

MATH 302—THEORY OF EQUATIONS—3 cr. (3 and 0)

A study of complex numbers, theorems on roots of polynomial equations, constructibility, approximations, determinants, matrices and symmetric functions. *Prerequisite*: Math 104

MR. BREWSTER

MATH 303—STATISTICS—3 cr. (3 and 0)

A study of graphs, frequency distributions, averages, measures of dispersion, moments, the normal curve, curve fitting, correlation, and index numbers. *Prerequisite*: Math 104

MR. SULLIVAN

MATH 304—STATISTICS—3 cr. (3 and 0)

A continuation of Math 303. The mathematical basis of statistics will be emphasized in this course. The topics covered will include the theory of probability, the binomial distribution, theory of sampling, reliability of statistical differences, sequential analysis. *Prerequisite*: Math 204

MR. SULLIVAN

MATH 305—INTERMEDIATE CALCULUS—3 cr. (3 and 0)

A short review of the theory of differentiation and integration followed by a study of parametric equations, polar equations, curvature, theorem of mean value, reduction formulas, series, expansion of functions, averages, hyperbolic functions, some solid analytic geometry, partial differentiation, multiple integrals. *Prerequisite*: Math 204

MR. LAGRONE MR. BREWSTER

MATH 306—ORDINARY DIFFERENTIAL EQUATIONS—3 cr. (3 and 0)

Differential equations of the first order and first degree, equations of the first order but not of the first degree, linear differential equations, applications to physics and engineering. *Prerequisite*: Math 204

MR. STUART MR. MILLER MR. STANLEY

MATH 401—COLLEGE GEOMETRY—3 cr. (3 and 0)

Theorems and concepts more advanced than those of high-school geometry. Detailed treatment of the various properties of the triangle, including the notable points, lines, and circles associated with it. *Prerequisite*: Math 104

MR. KELLY

MATH 451—VECTOR ANALYSIS—3 cr. (3 and 0)

A study of the algebra and calculus of vectors in two and three dimensions with applications to physics, geometry and engineering problems. *Prerequisite*: Math 204

MR. ARMSTRONG

MATH 453—ADVANCED CALCULUS—3 cr. (3 and 0)

A more extensive study of the differential and integral calculus than is given in the intermediate course with emphasis on applications and an introduction to theoretical questions. Topics include: power series, partial differentiation, implicit functions, the definite integral. *Prerequisite*: Math 204 and Math 305

MR. COKER

MATH 454—ADVANCED CALCULUS—3 cr. (3 and 0)

A continuation of Math 453. Topics include: Gamma and Beta functions; line, surface, and space integrals; Bessel functions; partial differential equations; calculus of variations; introduction to functions of a complex variable. *Prerequisite*: Math 453

MR. COKER

MATH 455—ADVANCED MATHEMATICS FOR ENGINEERS—3 cr. (3 and 0)

A study of advanced mathematical topics pertinent to the field of engineering. Physical applications are stressed by the presentation of problems relating to the several branches of engineering. Topics include ordinary and partial differential equations, hyperbolic functions, infinite series, Fourier series, and Gamma and Bessel functions. *Prerequisite*: Math 306

MR. PARK

MATH 456—ADVANCED MATHEMATICS FOR ENGINEERS—3 cr. (3 and 0)

A continuation of Math 455. Further topics include functions of a complex variable, vector analysis, probability, and operational calculus. *Prerequisite*: Math 306

MR. PARK

MECHANICAL ENGINEERING

MR. FERNOW

MR. SAMS	MR. COOK	MR. EDWARDS
MR. LEWIS	MR. MILLS	MR. HUDSON
MR. WATSON	*MR. SUTTON	MR. KERR
	MR. CARMICHAEL	

M E 211—MECHANICAL ENGINEERING—2 cr. (2 and 0)

A study of the fundamentals of steam power, boilers, fuels, combustion and auxiliary equipment, gas power, internal combustion engines, auxiliary apparatus and related equipment.

MR. KERR

M E 213—ENGINEERING PROBLEMS—1 cr. (0 and 3)

To develop neatness, self-confidence, and an analytical approach to the solution of engineering problems. A review of logarithms; fundamentals

*On leave

of the slide rule and its application to practical engineering problems; an introduction to steam tables with practical problems in steam. *Prerequisite*: Math 103, 104

MR. KERR

M E 302—MECHANICAL ENGINEERING—3 cr. (3 and 0)

Elements of steam and gas power plants including fuels and combustion, gas and vapor processes and cycles, properties of air and steam, steam and gas engines, turbines, auxiliaries, and refrigeration. *Prerequisite*: Phys 211, 212; Math 204 or enrollment in Math 204

MECHANICAL ENGINEERING STAFF

M E 304—MECHANICAL ENGINEERING LABORATORY—1 cr. (0 and 3)

Study and calibration of weight, pressure, area, and fluid flow measuring devices. Testing of pumps, engines, fans, and compressors. *Prerequisite*: Enrollment in M E 302

MECHANICAL ENGINEERING STAFF

M E 305—HEAT POWER—3 cr. (3 and 0)

Elementary thermodynamics including gas laws, energy equations, processes, cycles, gas flow, and combustion together with application to appropriate power plant machinery. *Prerequisite*: Math 203 and 204; Physics 211 and 212.

MR. COOK

M E 306—HEAT POWER—3 cr. (3 and 0)

A continuation of M E 305. Thermodynamics of vapors with application to steam boilers, engines, turbines, power plant cycles, refrigeration and heat transfer problems. *Prerequisite*: M E 305

MR. CARMICHAEL

M E 308—HEAT POWER LABORATORY—1 cr. (0 and 3)

The study and calibration of weight, pressure, area, and fluid flow measuring devices; flue gas analysis, power plant piping, lifting devices, centrifugal pump, and heat transfer. *Prerequisite*: M E 305 and enrollment in M E 306

MR. COOK MR. HUDSON

M E 311—Heat Power—3 cr. (3 and 0)

Elementary thermodynamics including gas laws, energy equations, processes, cycles, gas flow, and combustion together with application to appropriate power plant machinery. This course is similar to M E 305 but with more time devoted to problems since prerequisites, M E 211 and 213, make possible longer assignments. *Prerequisite*: Math 203 and 204; Physics 211 and 212; M E 211 and 213

Mr. Edwards

M E 312—Heat Power—3 cr. (3 and 0)

Elementary thermodynamics including gas laws, energy equations, processes, cycles, gas flow, and combustion together with application to appropriate power plant machinery. This course is similar to M E 305 but with more time devoted to problems since prerequisites, M E 211 and 213, make possible longer assignments. *Prerequisite*: M E 311

Mr. Sams

M E 313—Heat Power Laboratory—1 cr. (0 and 3)

Study and calibration of weight, pressure, area, and fluid flow measuring devices, flue gas, and liquid fuel analysis, triplex pump, powerhouse piping and auxiliaries, friction test on steam engine and internal combustion engine. *Prerequisite*: Enrollment in M E 311

Mr. Carmichael Mr. Edwards

M E 314—Heat Power Laboratory—1 cr. (0 and 3)

Practical work in connection with coal analysis, tests of lifting devices, ram, injector, centrifugal pump, calorimeters, and study of water plant. *Prerequisite*: M E 313

Mr. Cook

M E 407—Mechanical Laboratory—1 cr. (0 and 3)

A study of the performance tests of steam turbines, blowers, Diesel engines, unaflow engines, air compressors and hydraulic turbines. *Prerequisite*: M E 306, 308

Mr. Carmichael

M E 411—Heat Power—3 cr. (3 and 0)

Organization of steam, Diesel and hydro power plants with reference to the design and performance characteristics of the individual pieces of apparatus involved, variable load, costs, and economics. Buildings and foundations are briefly covered. *Prerequisite*: M E 312

Mr. Fernow

M E 412—Heat Power—3 cr. (3 and 0)

A continuation of M E 411, stressing the design, arrangement and economic justification of the boilers, prime movers, condensers, fuel handling equipment, stokers, pulverized fuel equipment, combustion, refuse handling equipment, fans, chimneys, water treatment, water heaters and deaerators, pumps, feed water regulation and the piping system design and layout. *Prerequisite*: M E 411

Mr. Mills

M E 413—Heat Power Laboratory—2 cr. (0 and 6)

A practical application of the theory covered in M E 411. Performance tests of steam turbines, blowers, pumps, boilers, refrigeration plants, and hydraulic turbines are studied. *Prerequisite*: M E 314 and enrollment in M E 411

Mr. Watson Mr. Mills Mr. Carmichael

M E 414—Heat Power Laboratory—2 cr. (0 and 6)

Testing of all types of internal combustion engines, auxiliaries, and fuels. *Prerequisite*: M E 413

Mr. Lewis Mr. Edwards

M E 417—Design—2 cr. (1 and 3)

The solution of a variety of engineering problems under guidance to familiarize the student with the kind of work he may be called on to do after his first induction into industry. Completeness and orderly and logical work are stressed. *Prerequisite*: Enrollment in M E 411

Mr. Mills

M E 418—Design—2 cr. (1 and 3)

A continuation of M E 417. *Prerequisite*: Enrollment in M E 412

Mr. Hudson

M E 420—Administration—3 cr. (3 and 0)

Instruction in the principles of organizing, financing, and incorporating business enterprises; organization of the manufacturing establishment; buying and selling; contracts, accounting; management problems. *Prerequisite*: Senior standing

Mr. Sams

M E 421—Gas Engines—3 cr. (3 and 0)

Theoretical and actual cycles, performance characteristics, fuels, combustion, cooling, dynamics, ignition and injection of the two and four stroke cycle spark ignition and compression ignition engine. *Prerequisite*: M E 311 and 312

Mr. Lewis

M E 423—Gas Engine Design—1 cr. (0 and 3)

Limits and requirements in the design of both air cooled and liquid cooled spark ignition and compression ignition engines, the principle of similitude, detail design and sketching of the engine parts and an assembly drawing of an engine. *Prerequisite*: D D 306, M E 311, 312, and enrollment in M E 421

Mr. Lewis

M E 426—Steam Turbines—3 cr. (3 and 0)

Structural features, performance, and design of all types of steam turbines. *Prerequisite*: M E 312

Mr. Fernow

M E 428—Turbine Design—1 cr. (0 and 3)

Complete design of nozzle and blade elements of impulse and reaction steam turbines. *Prerequisite*: Enrollment in M E 426

Mr. Fernow

M E 429—Heating and Ventilation—2 cr. (2 and 0)

A study of the principles of heating and ventilation with emphasis on the following topics: factors affecting human comfort, the theory of heat transfer and the calculation of heat transmission coefficients, heat

losses from buildings, heating load, fuels and combustion, heat disseminators, heating boilers and their accessories and auxiliaries, steam heating, and hot water heating systems. *Prerequisite:* M E 305 or M E 311

Mr. Watson

M E 430—Air Conditioning—2 cr. (2 and 0)

A study of the principles of air conditioning embodied in air distribution and air cleaning, humidification and dehumidification, warm air heating systems, cooling systems, automatic control apparatus, unit heaters, and unit air conditioners. *Prerequisite:* M E 312 or M E 306 and M E 429

Mr Watson

M E 431—Heating and Ventilation Design—1 cr. (0 and 3)

To offer practical application of the theory covered in M E 429 in the design of heating and ventilation systems for specific conditions. *Prerequisite:* Enrollment in M E 429

Mr. Watson

M E 432—Air Conditioning Design—1 cr. (0 and 3)

To provide practical application of the theory covered in M E 430 in the design of air conditioning systems. *Prerequisite:* Enrollment in M E 430

Mr. Watson

M E 433—Elementary Aerodynamics—2 cr. (2 and 0)

Physical properties of air, effects of deflecting air streams, air flow, airfoils, drag, power plants, propellers, control surfaces and stability; performance at sea level and at altitude. Calculations are made for an airplane to determine its performance at sea level and at altitude, including take off and landing distance, endurance, range and load during turns. *Prerequisite:* Mech 304

Mr. Mills

M E 434—Refrigeration—2 cr. (2 and 0)

Underlying thermodynamics of refrigeration and design and operating characteristics of compression and absorption systems. Ice making and cold storage. *Prerequisite:* M E 312

Mr. Fernow

M E 461—Analysis of Thermodynamic Problems—3 cr. (3 and 0)

Engineering problems involving the use of differential and integral calculus including ordinary differential equations, partial differentiation, multiple integrals, partial differential equations, line integrals, and series. *Prerequisite*: Math 306

M E 464—Heat Transmission—3 cr. (3 and 0)

A comprehensive study of the principles of Heat Transmission with applications to engineering problems. Special emphasis is given to the following topics: heat conduction in the steady and unsteady states; dimensional analysis of convection; free and forced convection; the combined effects of conduction and convection; heat transfer in condensing and boiling; radiation; and the combined effects of conduction, convection, and radiation. *Prerequisite*: M E 311, 312 and registration in Math 306

Mr. Watson

M E 501—Advanced Air Conditioning—3 cr. (3 and 0)

An analysis of the principles of air conditioning. The following topics are among those covered; enthalpy of air-vapor mixtures; adiabatic mixtures of air with water, steam, or ice; fogged air; adiabatic saturation; air in contact with water; fundamental simultaneous and fundamental successive conditioning processes; humid air below 32° F.; geometry of the psychrometric chart. A critical analysis of current literature on special topics. *Prerequisite*: M E 429, 430, 431 and 432

Mr. Watson

M E 510—Advanced Thermodynamics—3 cr. (3 and 0)

This course supplements and extends the material covered in elementary thermodynamics. Special topics relative to advanced problems in engineering are pursued. *Prerequisite*: M E 311, 312, 411, 412 and registration in Math 306

M E 521—Internal Combustion Engines—3 cr. (3 and 0)

Internal combustion process analysis, deviation from the ideal processes, detonation, and knock testing, carburation and fuel injection, combustion chamber and cylinder head design, engine cooling, mechanics of principle moving parts, engine vibration and balance and engine design.

Mr. Lewis

M E 522—Internal Combustion Engines—3 cr. (3 and 0)

A continuation of M E 521.

Mr. Lewis

M E 523—Internal Combustion Engine Laboratory—1 cr. (0 and 3)

Analysis of engine instrumentation, air-fuel ratio tests, detonation limited power test, injection and analysis with test apparatus, fuels testing and general test codes.

Mr. Lewis

M E 524—Gas Turbines—3 cr. (3 and 0)

Gas turbine process analysis, deviation from the ideal processes, fuels stratication, efficiencies, pressure ratio including the development of charts for cycle analysis.

Mr. Lewis

M E 526—Advanced Steam Turbines—2 cr. (2 and 0)

Mr. Fernow

M E 528—Advanced Steam Turbines Design—1 cr. (0 and 3)

Mr. Fernow

MECHANICS AND HYDRAULICS

Mr. Curtis

Mr. Harley	Mr. Robinson	Mr. McDonald
°Mr. Humphreys	Mr. Byars	Mr. Nowack
Mr. Moorman	Mr. Hromi	

Mech 302—Mechanics (Statics)—3 cr. (3 and 0)

An elementary technical study of force systems and their action on rigid bodies at rest, devoted to development of facility in free body analysis. Topics also considered are center of gravity, moment of inertia of areas, and friction. *Prerequisite*: Math 204, Phys 211

Mechanics and Hydraulics Staff

°On leave

MECH 303—MECHANICS (KINETICS)—3 cr. (3 and 0)

A continuation of Mech 302. Analytical kinematics and the effects of forces in producing motion of rigid bodies are major considerations. Among the principal topics, whose engineering applications are developed, are: Second Law of Motion for translation and rotation; work, energy, and power; impulse and momentum. *Prerequisite*: Mech 302

MECHANICS AND HYDRAULICS STAFF

MECH 304—MECHANICS OF MATERIALS—3 cr. (3 and 0)

To acquaint students with certain physical constants and stresses in structural members and machine parts, and to illustrate rational derivation of formulas for internal stresses. Among topics covered are: Deformation and stress; torsion; riveted joints; flexure and deformation of beams; combined stresses in short blocks; columns. *Prerequisite*: Mech 302

MECHANICS AND HYDRAULICS STAFF

MECH 305—MECHANICS OF MATERIALS LABORATORY—1 cr. (0 and 3)

A laboratory course planned for students in certain branches designed to illustrate points and principles considered in Mech 304. *Prerequisite*: Must be accompanied, or preceded by Mech 304

MECHANICS AND HYDRAULICS STAFF

MECH 306—GRAPHIC STATICS—1 cr. (0 and 3)

Graphical analysis of force systems and of stresses in statically determinate frames. Given for students in certain branches. *Prerequisite*: Must be accompanied, or preceded by Mech 302

MECHANICS AND HYDRAULICS STAFF

MECH 401—FLUID MECHANICS—3 cr. (3 and 0)

A study of the forces on fluids at rest and in motion together with consideration of various flow measurement devices and of power developing and using units. Among the items considered are: Hydrostatic pressure and devices for measuring it; hydraulic similitude; measurements of flow by orifices, weirs, and various meters; flow in pipes; open channels; turbines and pumps. *Prerequisite*: Mech 303 (for Civil Engineering Majors, Mech 302)

MR. CURTIS MR. HARLEY MR. MOORMAN MR. ROBINSON

MECH 403—FLUID MECHANICS LABORATORY—1 cr. (0 and 3)

A laboratory course for students in certain branches to illustrate the principles of Mech 401. Also special exercises are given in stream gaging, drainage area study, runoff, and rainfall. *Prerequisite*: Must be accompanied, or preceded by Mech 401

MECHANICS AND HYDRAULICS STAFF

MECH 460—HYDROLOGY—3 cr. (3 and 0)

A study of the principles concerning the occurrence of water in nature and the practice of engineering in dealing with it in connection with design of water supplies and structures. *Prerequisite*: Mech 401 and 403; approval by instructor.

MR. CURTIS MR. MOORMAN

MECH 462—WATER POWER ENGINEERING—3 cr. (3 and 0)

Principles and practices involved in the investigation and planning of hydraulic power developments and the selection of hydraulic machinery. *Prerequisite*: Mech 460, or special approval by instructor.

MR. CURTIS

MECH 464—FLOW IN OPEN CHANNELS—2 or 3 cr. (2 or 3 and 0)

Consideration of steady flow, including study of the hydraulic jump, backwater curves, bends, transitions and obstructions, and analysis of special methods of flood routing. *Prerequisite*: Mech 401 and approval of instructor

MR. MOORMAN

MILITARY SCIENCE

COL. MORRIS

LT. COL. CROSBY	CAPT. GRAMLING	1ST SGT. MEDLOCK
LT. COL. SMITH	CAPT. HUENERS	SGT. 1 CL. COX
LT. COL. WATSON	CAPT. NAUCK	SGT. 1 CL. HESSEL
MAJ. BYERTS	CAPT. SMITH	SGT. 1 CL. HUTSON
MAJ. FOSTER	1ST LT. JAMES	SGT. 1 CL. MCDOUGHALL
MAJ. HALL	M/SGT. DAVIS	T/SGT. DAVIS
MAJ. MYERS	M/SGT. GELINA	T/SGT. FRIAS
CAPT. ANDERSON	M/SGT. GRUNEWALD	SGT. HANSON
CAPT. BYNUM	M/SGT. RIMMER	SGT. MARLOW
CAPT. COAKLEY	M/SGT. RUSSEY	CPL. SCOVIL
CAPT. CRONIN	M/SGT. ZORENS	

M S 101—Military Drill—0 cr. (0 and 3)

Training in customs, discipline, and leadership to prepare and develop cadets for duties as junior noncommissioned officers. Principal topics are principles of discipline; customs of the Army; wearing of the uniform; conduct of noncommissioned officers; purpose of drill; drill of the soldier with and without arms; squad and platoon drill; parades, reviews, inspections, and other ceremonies.

Military Staff

M S 102—Military Drill—0 cr. (0 and 3)

A continuation of M S 101.

Military Staff

M S 103—Military Science and Tactics (Basic)—1 cr. (2 and 0)

Training to instill discipline and habitual obedience to orders, to develop qualities of leadership and good citizenship, and to provide basic military instruction. Principal topics are military organization, National Defense Act and the ROTC, and weapons and marksmanship.

Lt. Col. Smith	Major Myers	Captain Hueners
Major Byerts	Captain Coakley	Lt. James

M S 104—Military Science and Tactics (Basic)—1 cr. (2 and 0)

A continuation of M S 103. Principal topics are leadership, organization, hygiene and first aid, and maps and aerial photographs. *Prerequisite*: M S 103

Lt. Col. Smith	Major Myers	Captain Hueners
Major Byerts	Captain Coakley	Lt. James

M S 201—Military Drill—0 cr. (0 and 3)

Continued training in customs, discipline, and leadership to prepare and develop cadets for duties as senior noncommissioned officers and for integration into the Advanced ROTC. Principal topics are principles of discipline; military courtesy; customs of the Army; drill of the soldier, with and without arms; squad and platoon drill; voice commands; parades, reviews, inspections, and other ceremonies.

Military Staff

M S 202—Military Drill—0 cr. (0 and 3)

A continuation of M S 201.

Military Staff

M S 203—Military Science and Tactics (Basic)—1 cr. (2 and 0)

Continued training to instill discipline and habitual obedience to orders, and to provide further instruction in basic military subjects prerequisite to the specialized training of the advanced course. Principal topics are organization, military law and boards, and maps and aerial photographs. *Prerequisite*: M S 104

Lt. Col. Watson Major Hall Captain Anderson Captain Cronin

M S 204—Military Science and Tactics (Basic)—1 cr. (2 and 0)

A continuation of M S 203. Principal topics are physical development methods, evolution of warfare, and military administration. *Prerequisite*: M S 203

Lt. Col. Watson Major Hall Captain Anderson Captain Cronin

M S 301—Military Drill—0 cr. (0 and 3)

Training for duty as officers by application of principles of leadership in actual command during drills, parades, reviews, inspection, and ceremonies.

Military Staff

M S 302—Military Drill—0 cr. (0 and 3)

A continuation of M S 301.

Military Staff

M S 303—Military Science and Tactics (Infantry)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques employed by the Infantry. Principal topics are military leadership, psychology and personnel management, military law and boards, and training in tactics and techniques as applies to small infantry units. *Prerequisite*: M S 204

Captain Smith

M S 304—Military Science and Tactics (Infantry)—3 cr. (4 and 0)

A continuation of M S 303. Principal topics are leadership, troop movements, and continued training in tactics and techniques as applies to small infantry units. *Prerequisite*: M S 303.

CAPTAIN SMITH

M S 305—MILITARY SCIENCE AND TACTICS (QUARTERMASTER)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques utilized by the Quartermaster Corps. Principal topics are military leadership, psychology and personnel management, military law and boards, and training in tactics and techniques as applies to the Quartermaster Corps Units. *Prerequisite*: M S 204

CAPTAIN CRONIN

M S 306—MILITARY SCIENCE AND TACTICS (QUARTERMASTER)—3 cr. (4 and 0)

A continuation of M S 305. Principal topics are organization supply, station and depot supply, and continued training in tactics and techniques as applies to Quartermaster Corps Units. *Prerequisite*: M S 305

CAPTAIN CRONIN

M S 307—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques utilized by the Signal Corps. Principal topics are military leadership, psychology and personnel management, military law and boards, and training in tactics and techniques as applies to Signal Corps Units. *Prerequisite*: M S 204

CAPTAIN NAUCK

M S 308—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—3 cr. (4 and 0)

A continuation of M S 307. Principal topics are radio, and wire communications, and continued training in tactics and techniques as applies to Signal Corps Units. *Prerequisite*: M S 307

CAPTAIN NAUCK

M S 309—Air Science and Tactics—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in general subjects applicable to the Air Force and Army and in subjects applicable to the Air Force only. Principal topics are military leadership; psychology and personnel management; military law and boards; history of the Air Force; organization of the Air Force; administration and personnel management; Air Force training; Air Force inspection systems; Air Force statistical control methods; Air Force supply and navigation. *Prerequisite:* M S 204

Major Byerts Major Myers Captain Hueners Lt. James

M S 310—Air Science and Tactics—3 cr. (4 and 0)

A continuation of M S 309. Principal topics are air intelligence and combat orders, transportation, aeronautics, communications, guided missiles, meteorology, and air operations. *Prerequisite:* M S 309

Major Byerts Major Myers Captain Hueners Lt. James

M S 315—Military Science and Tactics (Armored Cavalry)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques employed by the Armored Cavalry. Principal topics are military leadership; psychology and personnel management; military law and boards; and training in tactics and techniques as applies to small Armored Cavalry Units to include organization, communications, and motors and transportation. *Prerequisite:* M S 204

Captain Gramling

M S 316—Military Science and Tactics (Armored Cavalry)—3 cr. (4 and 0)

A continuation of M S 315. Principal topics are geographical foundations of national power, and training in tactics and techniques as applies to small Armored Cavalry Units to include tank driving and gunnery. *Prerequisite:* M S 315

Captain Gramling

M S 317—Military Science and Tactics (Corps of Engineers)—3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects applicable to the Army as a whole, together with tactics and techniques

employed by the Corps of Engineers. Principal topics are military leadership; psychology and personnel management; military law and boards; organization of Engineer units; Engineer combat principles; organization of the ground and field fortifications; the place of the engineers in the military team. *Prerequisite*: M S 204

MAJOR FOSTER

M S 318—MILITARY SCIENCE AND TACTICS (CORPS OF ENGINEERS) —3 cr. (4 and 0)

A continuation of M S 317. Principal topics are military sketching; military roads, bridge design and classification; camouflage; Engineer reconnaissance; explosives and demolition; job management. *Prerequisite*: M S 317

MAJOR FOSTER

M S 319—MILITARY SCIENCE AND TACTICS (ORDNANCE DEPARTMENT) —3 cr. (4 and 0)

Theoretical and practical training on an advanced level in subjects pertaining to the Army as a whole, together with tactics and techniques utilized by the Ordnance Department. Principal topics are military leadership, psychology and personnel management, military law and boards, organization of the Ordnance Department, maintenance, supply procedures, and ammunition materiel and supply. *Prerequisite*: M S 204

CAPTAIN BYNUM

M S 320—MILITARY SCIENCE AND TACTICS (ORDNANCE DEPARTMENT) —3 cr. (4 and 0)

A continuation of M S 319. Principal topics are ordnance materiel to include automotive, artillery, small arms and fire control. *Prerequisite*: M S 319

CAPTAIN BYNUM

M S 401—MILITARY DRILL—0 cr. (0 and 3)

Continued training of officers by application of instruction, methods, and principles of leadership in positions of command during drills, parades, reviews, inspections, and ceremonies.

MILITARY STAFF

M S 402—MILITARY DRILL—0 cr. (0 and 3)

A continuation of M S 401.

MILITARY STAFF

M S 403—Military Science and Tactics (Infantry)—3 cr. (4 and 0)

Theoretical and practical instruction in command, leadership, combat principles, and development of initiative and responsibility for qualification as junior officers of the Infantry Arm. Principal topics are military teaching methods, geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques of Infantry to include crew-served weapons. *Prerequisite*: M S 304

Lt. Col. Watson

M S 404—Military Science and Tactics (Infantry)—3 cr. (4 and 0)

A continuation of M S 403. Principal topics are command and staff functions, psychological warfare, troop movements, combat intelligence and continued training in the tactics and techniques of the Infantry to include new developments of clothing, equipment, and employment of the Infantry. *Prerequisite*: M S 403

Lt. Col. Watson

M S 405—Military Science and Tactics (Quartermaster)—3 cr. (4 and 0)

Theoretical and practical instruction in command, leadership, combat principles, and development of initiative and responsibility for qualification as junior officers of the Quartermaster Corps. Principal topics are military teaching methods, geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques employed by the Quartermaster Corps in execution of their assigned mission. *Prerequisite*: M S 306

Major Hall

M S 406—Military Science and Tactics (Quartermaster)—3 cr. (4 and 0)

A continuation of M S 405. Principal topics are command and staff functions, psychological warfare, procurement, supply handling, and continued training in the tactics and techniques peculiar to the Quartermaster Corps. *Prerequisite*: M S 405

Major Hall

M S 407—Military Science and Tactics (Signal Corps)—3 cr. (4 and 0)

Theoretical and practical instruction in command, radio and wire communications, leadership, combat principles, and development of initiative and

responsibility for qualification as junior officers of the Signal Corps. Principal topics are geographical foundations of national power, military mobilization and demobilization, and training in the tactics and techniques of the Signal Corps in the execution of their assigned mission. *Prerequisite*: M S 308

CAPTAIN NAUCK

M S 408—MILITARY SCIENCE AND TACTICS (SIGNAL CORPS)—3 cr. (4 and 0)

A continuation of M S 407. Principal topics are command and staff functions, psychological warfare, signal supply, signal communications, and continued training in tactics and techniques employed by the Signal Corps. *Prerequisite*: M S 407

CAPTAIN NAUCK

M S 409—AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

Theoretical and practical training in Air Force Maintenance Engineering. Principal topics are military teaching methods, psychological warfare, command and staff, military mobilization and demobilization, the aircraft maintenance officer, technical publications, flight line maintenance, inspection and maintenance procedures, and crew chief systems. *Prerequisite*: M S 310

MAJOR BYERTS MAJOR MYERS

M S 410 AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

A continuation of M S 409. Principal topics are combat intelligence, specialized maintenance, supervisor of maintenance, base shops, maintenance control, flight test, technical supply, evaluation and testing and the duties of the air inspector. *Prerequisite*: M S 409.

MAJOR BYERTS MAJOR MYERS

M S 411—AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

Theoretical and practical training in Air Force Transportation. Principal topics are military teaching methods, command and staff, psychological warfare, military mobilization and demobilization, transportation organization, military motor transportation, air transportation, water transportation, and operation of government owned railroad equipment. *Prerequisite*: M S 310

CAPTAIN HUENERS LT. JAMES

M S 412—AIR SCIENCE AND TACTICS—3 cr. (4 and 0)

A continuation of M S 411. Principal topics are combat intelligence and commercial transportation. *Prerequisite*: M S 411

CAPTAIN HUENERS LT. JAMES

M S 415—Military Science and Tactics (Armored Cavalry)—3 cr. (4 and 0)

Theoretical and practical instruction in command and leadership, combat principles, and development of initiative and responsibility for qualification as junior officers of the Armored Cavalry Arm. Principal topics are military teaching methods, command and staff, psychological warfare, military mobilization and demobilization, and continued training in the tactics and techniques of Armored Cavalry to include new developments, supply, and maintenance. *Prerequisite*: M S 315

Lt. Col. Smith

M S 416—Military Science and Tactics (Armored Cavalry)—3 cr. (4 and 0)

A continuation of M S 415. Principal topics are combat intelligence and continued training in tactics and techniques of Armored Cavalry. *Prerequisite*: M S 415

Lt. Col. Smith

M S 417—Military Science and Tactics (Corps of Engineers) —3 cr. (4 and 0)

Theoretical and practical instruction in command, leadership, combat principles, tactics and techniques employed by the Corps of Engineers, and development of initiative and responsibility for qualification as junior officers in the Corps of Engineers. Principal topics are command and staff, military teaching methods, engineer combat principles, engineer estimates and orders, engineer supply, airborne and amphibious operations. *Prerequisite*: M S 318

Major Foster

M S 418—Military Science and Tactics (Corps of Engineers) —3 cr. (4 and 0)

A continuation of M S 417. Principal topics are construction and utilities, engineer reconnaissance, engineer signal communication, river crossing operations, and water supply. *Prerequisite*: M S 417

Major Foster

M S 419—Military Science and Tactics (Ordnance Department) —3 cr. (4 and 0)

Theoretical and practical instruction in command, leadership, combat principles, and development of initiative and responsibility for qualifications as junior officers of the Ordnance Department. Principal topics are command and staff functions; military teaching methods; leadership; drill and exercise

of command and training in the tactics and techniques of Ordnance to include maintenance and supply procedures; ammunition materiel and supply; automotive, artillery, and fire control material. *Prerequisite*: M S 320

CAPTAIN BYNUM

M S 420—MILITARY SCIENCE AND TACTICS (ORDNANCE DEPARTMENT) —3 cr. (4 and 0)

A continuation of M S 419. Principal topics are small arms materiel and a thirty-nine hour course of Materiel Speciality Inspection. *Prerequisite*: M S 419

CAPTAIN BYNUM

MUSIC

MR. MCGARITY

MUSIC 402—MUSIC APPRECIATION—3 cr. (3 and 0)

This course is a comprehensive study of the development of music and factors leading toward the understanding of better music. Records and piano renditions of representative literature of outstanding composers are offered. This course is required for all students in Education, Vocational Agricultural Education, and Industrial Education.

MR. MCGARITY

PHYSICS

MR. HUFF

MR. LINDSEY
MR. MENIUS
MR. A. R. REED
MR. C. A. REED
MR. JARRELL
MR. SHACKLEFORD
MR. WOOD
MR. MITCHELL
*MR. CLARK
MR. MARTIN
MR. SUDDETH
MR. TURNER
MR. WATKINS

PHYS 201—GENERAL PHYSICS—3 cr. (3 and 0)

A study of mechanics and heat including the laws of motion, equilibrium, machines, mechanical and thermal properties of solids, liquids, and gases, thermometry and heat transfer. *Prerequisite*: Registration in Phys 203

PHYSICS STAFF

*On leave

PHYS 202—GENERAL PHYSICS—3 cr. (3 and 0)

A continuation of the previous course covering wave motion, sound, geometrical optics, light waves and spectra, magnetism, static and current electricity, circuits, and electrical machines. *Prerequisites*: Phys 201; registration in Phys 204

PHYSICS STAFF

PHYS 203—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

Experiments testing the laws studied in Phys 201, giving experience in measuring the physical properties of matter and practice in the use of precision instruments and the treatment of observed data. *Prerequisite*: Registration in Phys 201

PHYSICS STAFF

PHYS 204—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

Experiments with sound waves, lenses, refraction and diffraction of light, magnetic fields, electrical circuits, measurements with electrical instruments. *Prerequisite*: Registration in Phys 202

PHYSICS STAFF

PHYS 211—GENERAL PHYSICS FOR ENGINEERING—4 cr. (4 and 0)

This course covers the same topics as Phys 201 but with more emphasis on the solution of problems and applications to engineering. *Prerequisites*: Math 103 and 104; registration in Phys 213

PHYSICS STAFF

PHYS 212—GENERAL PHYSICS FOR ENGINEERING—4 cr. (4 and 0)

A continuation of Phys 211 covering the same topics as Phys 202 with emphasis on applications to engineering problems. *Prerequisites*: Math 103 and 104; registration in Phys 214

PHYSICS STAFF

PHYS 213—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

The same topics are covered as in Phys 203 but more precise apparatus is provided and more advanced experiments are performed. *Prerequisite*: Registration in Phys 211

PHYSICS STAFF

PHYS 214—GENERAL PHYSICS LABORATORY—1 cr. (0 and 3)

A continuation of Phys 213 with emphasis on the accurate measurement of electrical quantities and the properties of light. *Prerequisite*: Registration in Phys 212

PHYSICS STAFF

PHYS 301—INTRODUCTION TO MODERN PHYSICS—3 cr. (3 and 0)

A continuation of the General Physics course to cover the important experiments of the current century, including the measurement of the properties of electrons, and other particles, and an introduction to the theories based on these experiments. *Prerequisites*: Phys 201 and 202 or 211 and 212. Math 203 and 204

MR. HUFF

PHYS 303—EXPERIMENTS IN MODERN PHYSICS—1 cr. (0 and 3)

Measurements of the charge and mass of the electron, studies of thermo- and photo-electric effects, measurements with radioactive materials and with X-rays. *Prerequisite*: Registration in Phys 301

MR. HUFF

PHYS 304—DESCRIPTIVE ASTRONOMY—3 cr. (3 and 0)

A survey of the properties of the planets and their satellites, their actual and apparent motions, the properties of stars and nebulae, and introduction of the determination of latitude and longitude. *Prerequisites*: Phys 201 and 202 or 211 and 212

MR. HUFF

PHYS 308—SOUND AND ACOUSTICS—3 cr. (3 and 0)

A study of the production, propagation, properties and measurement of sound waves with emphasis on the acoustics of buildings. *Prerequisites*: Phys 201 and 202 or 211 and 212; registration in Math 201 or 203

MR. C. A. REED

PHYS 312—HEAT AND KINETIC THEORY—3 cr. (3 and 0)

Instruction in thermometry, calorimetry, change of state, kinetic theory of gases and elements of thermodynamics with emphasis on chemical applications. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. LINDSEY

PHYS 314—EXPERIMENTAL HEAT—2 cr. (0 and 6)

Practical instruction in the measurement of high and low temperatures, thermal properties of solids, liquids, and gases; heats of combustion, heat conduction and radiation. *Prerequisite*: Registration in Phys 312

MR. LINDSEY

PHYS 321—MECHANICS AND PROPERTIES OF MATTER—3 cr. (3 and 0)

A study of the motions of particles and of rigid bodies, gyroscopes, elasticity, surface tension, the flow of fluids, gravitation. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. LINDSEY

PHYS 323—EXPERIMENTAL MECHANICS—2 cr. (0 and 6)

Practice in the precise measurements of length, mass, and time; experiments with pendulums, gyroscopes, and other mechanical apparatus. *Prerequisite*: Registration in Phys 321

MR. LINDSEY

PHYS 332—LIGHT—3 cr. (3 and 0)

Introduction in the formation of images by lenses and mirrors and the design of optical instruments; theory of interference and diffraction of light waves, polarization; applications to spectroscopy and precision measurement. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. JARRELL

PHYS 334—EXPERIMENTAL LIGHT—2 cr. (0 and 6)

Measurements of the properties of lens systems and the defects of the images produced, the effects of slits on light waves, measurements with a spectrograph, use of the interferometer, polarimetry. *Prerequisite*: Registration in Phys 332

MR. JARRELL

PHYS 341—MAGNETISM AND ELECTRICITY—3 cr. (3 and 0)

A study of the magnetic and electrical properties of materials, electrical circuits, properties of electromagnetic fields, electromagnetic waves. *Prerequisites*: Phys 201 and 202 or 211 and 212; Math 203 and 204

MR. JARRELL

PHYS 343—EXPERIMENTAL ELECTRICITY—2 cr. (0 and 6)

Measurements with precision electrical instruments including bridges and potentiometers; low and high frequency circuits; standing waves on wires. *Prerequisite*: Registration in Phys 341

MR. JARRELL

PHYS 401—SENIOR THESIS AND SEMINAR—3 cr. (1 and 6)

This course is intended to give the student a general knowledge of current trends in physics as well as a more detailed review of the historical papers in the field. The Senior Thesis is a semi-original piece of work under the direction of the physics staff. The work in general is done in one of the following fields: X-ray, electron microscopy, ultra-violet spectroscopy, and electronics. *Prerequisite*: At least three physics courses beyond General Physics

PHYSICS STAFF

PHYS 452—ATOMIC AND NUCLEAR PHYSICS—3 cr. (3 and 0)

Elementary development in quantum theory; applications to electron arrangements in atoms, molecular beams, atomic and molecular spectra; considerations of nuclear structure, fission and atomic energies. *Prerequisites*: Phys 301, completion of two of the courses Phys 312, 321, 332, 341

MR. MENIUS

PHYS 463—INTRODUCTION TO MATHEMATICAL PHYSICS—5 cr. (5 and 0)

A study of the general methods used in attacking mechanical problems in physics. Typical topics are: the linear oscillator; Lagranges and Hamilton's equations; motion of rigid bodies; normal coordinates and coupled systems; vibrating strings, membranes and solids; and the flow of fluids. *Prerequisite*: Math 306 and permission of instructor

MR. MENIUS

PHYS 464—INTRODUCTION TO MATHEMATICAL PHYSICS—5 cr. (5 and 0)

The general laws of electromagnetism are first developed and then applied in a unified manner to the classical theory of electromagnetic radiation. Besides the usual discussion of reflection, refraction and diffraction of electromagnetic radiation some time is devoted to waive guides and cavity resonators. *Prerequisite*: Math 306 and permission of instructor

MR. MENIUS

PHYS 471—INTRODUCTION TO QUANTUM MECHANICS—3 cr. (3 and 0)

An introductory course formulating the mathematical and physical ideas associated with wave mechanics. Solutions of simple physical systems including the hydrogen atom are discussed. *Prerequisites*: Phys 301 and Math 306

MR. MENIUS

PHYS 501—RESEARCH—3 cr. (0 and 6)

Instruction in methods of research including investigation in the laboratory, a search through physics journals, and presentation of results in a research seminar. A research problem will be carried out under the direction of one member of the faculty.

MR. HUFF MR. LINDSEY MR. MENIUS

PHYS 502—RESEARCH—3 cr. (0 and 6)

A continuation of Physics 501 carrying the research to completion.

MR. HUFF MR. LINDSEY MR. MENIUS

PHYS 512—KINETIC THEORY AND STATISTICAL MECHANICS—3 cr. (3 and 0)

A development of the kinetic theory of gases including derivations of relationships between molecular diameters, distribution of velocities, mean free paths, viscosity, thermal conductivity, specific heat, entropy, probability and reaction kinetics. The basic concepts of statistical mechanics for classical and quantum systems will be developed.

MR. HUFF

PHYS 521—DYNAMICS—3 cr. (3 and 0)

A study of the more advanced phase of dynamics including the equations of Lagrange and Hamilton, generalized coordinates, oscillatory and cyclic motion and the Newtonian potential theory.

MR. LINDSEY

PHYS 541—ELECTRODYNAMICS—3 cr. (3 and 0)

This course starts with Maxwell's equations for electric and magnetic fields and includes consideration of production and propagation of electromagnetic waves, wave optics and theories of interference and diffraction.

MR. MENIUS

PHYS 551—INTRODUCTION TO QUANTUM MECHANICS—3 cr. (3 and 0)

An introductory course formulating the mathematical and physical ideas associated with wave mechanics. Solution of simple physical systems including the hydrogen atom are discussed. *Prerequisites*: Phys 301 and Math 306

PHYS 552—THEORY OF ATOMIC SPECTRA—3 cr. (3 and 0)

A study of the excitation of spectra, computation of wave lengths from spectral photographs, the computation of energy levels and the correlation with theories of atomic structure.

MR. HUFF

PHYS 553—NUCLEONICS—3 cr. (3 and 0)

This course is designed to give the basic properties of and the experimental methods employed in the study of particles associated with the nucleus. A survey is made of the theories so far advanced for the interaction of these particles and the theories pertaining to the structure of simple nuclei.

MR. MENIUS

POULTRY HUSBANDRY

MR. MORGAN MR. COOPER

P H 301, 303—FARM AND COMMERCIAL POULTRY PRODUCTION—4 cr. (3 and 3)

A study of the nature and uses of poultry products, scope of the industry and agencies involved, classification of poultry, structure of the fowl, fundamentals of flock improvement, incubation, brooding, feeding, housing, disease control and sanitation, and the economic aspects of poultry production as a farm enterprise and a commercial business.

MR. MORGAN

P H 451—POULTRY BREEDING—3 cr. (2 and 3)

A study of poultry improvement through culling and selection for meat and egg production and standard breed and variety characteristics, and the application of genetics to the problems of poultry breeding. *Prerequisites*: P H 301, 303 and Dairy 301 or Agron 302

MR. MORGAN

P H 452—Poultry Feeding and Flock Management—3 cr. (2 and 3)

A study of the nutritive requirements of poultry, dietary deficiencies and curative factors, the compounding of rations for growing, laying and breeding flocks of chickens and turkeys, the value of various feedstuffs and management practices with chickens and turkeys for maximum economic returns. *Prerequisites*: A H 301, P H 301 and 303

Mr. Morgan

P H 455—Poultry Grading and Processing—3 cr. (2 and 3)

A study of the classes, grades and judging of market poultry and poultry products, and the preparation, packaging, processing, storage and freezing preservation of eggs and poultry for market. *Prerequisites*: P H 301 and 303

Mr. Cooper

P H 456—Incubation and Brooding—3 cr. (2 and 3)

A study of the principles and practices of incubation and brooding of the various species of poultry, hatchery management and commercial broiler production. *Prerequisites*: P H 301 and 303

Mr. Cooper

P H 459—Poultry Diseases and Parasites—3 cr. (2 and 3)

A study of the causes, occurrence, symptoms, treatment and prevention of poultry diseases and the identification, life history, symptoms, treatment and prevention of poultry parasites. Sanitary practices on poultry farms and in hatcheries and market establishments, and eradication and control measures for specific diseases and parasites will be considered. *Prerequisites*: P H 301, 303, Bact 301, 303 and V S 401

Mr. Cooper

P H 460—Seminar—2 cr. (2 and 0)

A study and discussion of current research and commercial problems in poultry production and marketing and selected special topics not fully covered in subject matter courses. *Prerequisites*: P H 301, 303 and pursuing major study in Poultry Husbandry

Mr. Morgan and Poultry Staff

PSYCHOLOGY

MR. WAITE

PSYCH 301—GENERAL PSYCHOLOGY—3 cr. (3 and 0)

A survey of the field of psychology: development and adjustment, motivation, emotions, intelligence, personality, the sensory experiences, perception, learning, thinking, imagination, and mental hygiene. *Prerequisite*: Junior standing

MR. WAITE

PSYCH 302—SOCIAL PSYCHOLOGY—3 cr. (3 and 0)

A study of the interaction between the individual and the forces of society: the classical theories, the psychobiological bases of human behavior, the sociocultural bases of behavior, types of human behavior, overt and covert experiences, symbolism, personality, and social interaction. *Prerequisite*: Psych 301

MR. WAITE

PSYCH 401—APPLIED PSYCHOLOGY—3 cr. (3 and 0)

An advanced course based upon the concepts of general psychology. The material includes causation in behavior, the psychology of attitudes, morale, the basic principles of motivation and work, individual differences, psychological testing in industry, interview techniques, motion and time analysis, industrial fatigue, psychological fatigue and related phenomena, accidents and their prevention, the working environment, psychological factors in labor turnover, advertising and consumer psychology and psychology in professional life. *Prerequisite*: Psych 301

MR. WAITE

RELIGION

MR. CROUCH

REL 201—OLD TESTAMENT—3 cr. (3 and 0)

An outline study of the Old Testament with special emphasis on the prophets.

REL 203—LIFE OF CHRIST—3 cr. (3 and 0)

A study of the life of Christ beginning with a brief historical background of the world into which Christ came. The purpose of this course is to give a complete chronological picture of the life of Christ.

Rel 305—New Testament Outline—3 cr. (3 and 0)

A study of the background and beginnings of the Christian Movement.

SOCIOLOGY

Mr. Burtner Mr. Waite

Soc 301—Introductory Sociology—3 cr. (3 and 0)

A study of the basic principles of sociology: culture, biological factors, the influence of geographical environment, human nature, group life, crowds, publics, social classes, cooperation, competition, conflict, accommodation, assimilation, human ecology, communities, social institutions, and social change. *Prerequisite*: Junior standing

Sociology Staff

Soc 401—Social Problems—3 cr. (3 and 0)

A survey of the major social problems: Their background, group conflict, race conflict, war, the nature of population problems, social problems of industry, education, religion, disease and public health, poverty, dependency, and factors affecting social adjustment. *Prerequisite*: Soc 301

Mr. Burtner

Soc 402—The Family—3 cr. (3 and 0)

An inquiry into the problems of marriage and family life: the history of the family, the sociology of family life, mate selection, and courtship, husband-wife relationships, parents-child interaction, divorce, and conservation of family values. *Prerequisite*: Senior standing

Mr. Waite

Soc 403—Criminology—3 cr. (3 and 0)

A consideration of the major problems of crime and its treatment: causes of crime, criminal behavior, theories and practices in the treatment of criminals, and prevention of crime. *Prerequisite*: Soc 301

Mr. Waite

Soc 405—Industrial Sociology—3 cr. (3 and 0)

A study of industry as a social organization together with the scientific examination of personality industrial relations; the factory as a social system;

problems of management; problems of labor; problems of special groups in industry; labor-management relations; and industry and the community. *Prerequisite*: 3 cr. of sociology and permission of the instructor

Mr. Burtner

Soc 406—Regional Sociology—3 cr. (3 and 0)

An analysis and survey of American regions. Emphasis is placed upon facts, factors, and policies pertaining to geography, population, culture, resources and waste, social institutions and planning methods of investigating regions in terms of social sicence. *Prerequisite*: 3 cr. of sociology

Mr. Burtner

SPANISH

Mr. Dean Mr. Hardee

Span 101—Elementary Spanish—3 cr. (3 and 0)

A course for beginners in which through conversation, composition, and dictation the fundamentals of the language are taught and a foundation provided for further study and the eventual ability to read and speak the language.

Mr. Hardee

Span 102—Elementary Spanish—3 cr. (3 and 0)

A continuation of Span 101, in which a reader is also used.

Mr. Dean Mr. Hardee

Span 201—Intermediate Spanish—3 cr. (3 and 0)

A short review of grammar with conversation, composition, and dictation continued from Span 102 and the beginning of more serious reading of Spanish prose in short stories or novels.

Mr. Dean

Span 202—Intermediate Spanish—3 cr. (3 and 0)

While attention is paid to writing and speaking Spanish, more stress is laid on the rapid reading of more difficult Spanish prose than in the earlier courses.

Mr. Dean

SPAN 301—ADVANCED SPANISH—3 cr. (3 and 0)

Rapid reading of difficult literary or scientific Spanish prose.

MR. DEAN MR. HARDEE

SPAN 302—ADVANCED SPANISH—3 cr. (3 and 0)

A continuation of Span 301, with selections being made to suit the needs of the students.

MR. DEAN MR. HARDEE

TEXTILE CHEMISTRY AND DYEING

MR. LINDSAY
MR. LANGSTON MR. RAINEY MR. EZELL

T C 301—TEXTILE CHEMISTRY—2 cr. (2 and 0)

An introductory course for Textile Manufacturing students covering chiefly the structure and behavior of the less complex organic chemicals employed in the textile industry up to and including the simpler carbohydrates. *Prerequisite*: Chem 102

MR. LANGSTON MR. EZELL

T C 302—TEXTILE CHEMISTRY—2 cr. (2 and 0)

A continuation of T C 301 and 303 covering more complex compounds; starches, cellulose, proteins, dyestuffs, and synthetic fibers and resins. Much of the laboratory work is devoted to the analysis of such materials as sizes, finishes and fabrics composed of various fiber mixtures. *Prerequisite*: Chem 102

MR. LANGSTON MR. RAINEY

T C 303—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 301.

MR. LANGSTON MR. EZELL

T C 304—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be taken concurrently with T C 302.

MR. LANGSTON MR. RAINEY

T C 305—Textile Chemistry—4 cr. (4 and 0)

A comprehensive course for Textile Chemistry majors covering aliphatic organic compounds with major emphasis on products essential to the textile industry. *Prerequisite*: Chem 104

Mr. Rainey

T C 306—Textile Chemistry—4 cr. (4 and 0)

A continuation of T C 305 and 307 covering the aromatic compounds with particular attention to the chemistry of dyes and dye intermediates. *Prerequisite*: Chem 104

Mr. Rainey

T C 307—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be taken concurrently with T C 305.

Mr. Rainey

T C 308—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be taken concurrently with T C 306.

Mr. Rainey

T C 401—The Chemical Processing of Textile Materials—2 cr. (2 and 0)

A general study of the theory and practice involved in the chemical preparation of all types of fibers for textile use from the raw state through to the finished fabric. Such processes as scouring, bleaching, mercerizing, and the less complex dyeing procedures are covered. *Prerequisites*: T C 302 and 304

Mr. Lindsay Mr. Langston

T C 402—The Chemical Processing of Textile Materials—2 cr. (2 and 0)

A continuation of T C 402 and 404 covering the more advanced dyeing procedures with general coverage of textile printing as well as the many processes involved in textile finishing such as shrink-proofing, flame-

proofing, crease resistance, and water repellancy. *Prerequisites*: T C 302 and 304

MR. LINDSAY

T C 403—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 401.

MR. LINDSAY

T C 404—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 402.

MR. LINDSAY

T C 410—COLOR MATCHING AND TESTING—1 cr. (0 and 3)

The principles of color matching and mixing with practice in reproducing shades to standard, and testing color fastness of textiles by approved methods.

MR. LINDSAY

T C 442—THESIS—2 cr. (0 and 6)

An investigation by each Textile Chemistry senior of an assigned problem related to textile processing. A formal written report is required from each student. *Prerequisite*: Senior standing

MR. LINDSAY

T C 447—THE CHEMICAL PROCESSING OF TEXTILE MATERIALS—4 cr. (4 and 0)

A course for Textile Chemistry majors similar to T C 401 and 403 except that it is more comprehensive with emphasis on the problems involved in the supervision of a textile finishing plant. *Prerequisite*: T C 306 and 308

MR. LINDSAY

T C 449—TEXTILE CHEMISTRY LABORATORY—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 447.

MR. LINDSAY

T C 452—The Chemical Processing of Textile Materials—4 cr. (4 and 0)

A continuation of T C 447 and 449. *Prerequisites:* T C 306 and 308

Mr. Lindsay

T C 454—Textile Chemistry Laboratory—1 cr. (0 and 3)

This course to be scheduled concurrently with T C 452.

Mr. Lindsay

T C 455—Cellulose Chemistry—3 cr. (3 and 0)

An introductory course covering the constitution and behavior of cellulose and its derivatives. Particular attention is given to the purification of wood and other raw materials used for the preparation of rayon pulps. *Prerequisites:* T C 306 and 308

Mr. Langston

T C 456—Chemistry of Synthetic Fibers and Finishes—2 cr. (2 and 0)

A study of the chemistry of large molecular substances such as nylon, vinyon, the rayons, and the protein-type synthetics. The varied synthetic resins used for special effects on textiles are covered in detail. *Prerequisites:* T C 306 and 308

Mr. Langston

TEXTILE MANAGEMENT

Mr. Brown

Mr. Eaton	Mr. Campbell	Mr. Graham
Mr. Heyn	Mr. Carson	Mr. LaRoche
	Mr. Edwards	Mr. Whitten

T M 101—Introduction to Textiles—3 cr. (2 and 3)

An introduction to textile manufacturing. Elementary studies of staple fibers, and machinery involved in converting them into yarns and fabrics.

Mr. Graham Mr. Whitten

T M 401—Textile Costing—5 cr. (3 and 6)

A study in the principles of costing as they apply to the manufacture

of textiles. Allocating the cost of material, labor and overhead; determining the costs of individual yarns and fabrics; valuing the inventory; making of cost reports and payroll analysis. *Prerequiste*: Seniors majoring in Textiles

Mr. Campbell

T M 403—Textile Management—3 cr. (3 and 0)

The mill and its equipment; control of labor costs; selection of materials; production controls and the use of budgets.

Mr. Eaton

T M 454—Time Study—3 cr. (2 and 3)

Rating method; job analysis; establishing wage scales; group-piece and premium plans.

Mr. Carson Mr. LaRoche

T M 460—Natural Fibers—3 cr. (3 and 0)

Fundamental properties of textile fibers as studied from the chemical, physical, and botanical side. The microscopic and molecular structure development in the plant, and extraction and preparation from the plant. Survey of plant fibers and fiber plants and more complete discussion of the main natural (plant and animal) fibers. Methods of fiber research. *Prerequisite*: Senior standing

Mr. Heyn

T M 461—Manufactured Fibers—3 cr. (3 and 0)

This course is designed to give the students an overall picture of the production processes and fundamental properties of the more important man-made fibers. Special stress will be placed on the relation of the various physical properties to the manufacture and purpose of the end products in which these fibers are used. *Prerequisite*: Senior Standing

Mr. Heyn

T M 462—Textile Microscopy—2 cr. (1 and 3)

This course is especially planned to enable the student to utilize the microscope for examination and identification of textile fibers and materials used in the textile and related industries. *Principal Topics*: The preparation

of the various materials used in the textile industry for microscopic examination.

Mr. Heyn Mr. Edwards

T M 464—Physical Textile Testing—2 cr. (1 and 3)

This course gives the student a comprehensive understanding of all the important machines and techniques used in physical testing of fibers, yarns, and fabrics. The applications of testing in modern textile research are stressed. *Prerequisite*: Senior standing

Mr. Brown Mr. Edwards

VETERINARY SCIENCE

Mr. Feeley

V S 401—Anatomy and Physiology—3 cr. (2 and 3)

The purpose of the course is to give agricultural students a general knowledge of anatomy and physiology of farm animals. Principal topics studied include physiology of digestion, chemical and physical processes of digestion and absorption, common diseases, farm sanitation, and first aid treatment.

Mr. Feeley

V S 402—Diseases of Animals—3 cr. (2 and 3)

A course designed to give agricultural students instruction in the recognition, causes, and treatment of the diseases of farm animals. The principles of etiology, pathology, diagnosis, symptoms, and treatment of infectious and noninfectious diseases are considered at length.

Mr. Feeley

WEAVING AND DESIGNING

Mr. McKenna

Mr. Cartee	Mr. Berry	Mr. Jameson
Mr. Tarrant	Mr. Graham	Mr. LaRoche
Mr. Walters	*Mr. Hance	Mr. Whitten
Mr. Williams	Mr. Hubbard	

W D 201—Fabric Design—3 cr. (2 and 3)

A study of the basic weaves for cloth fabrication. Plain, twill, sateen

*On leave

weaves, and their derivatives; drawing-in drafts, reed plan, chain drafts, shedding cam design, and analysis of fabrics to obtain weave.

Mr. Williams Mr. Jameson Mr. Whitten

W D 202—Fabric Design—2 cr. (1 and 3)

A study of the more complex and intricate weaves for fabrics. Extra warp and filling for weight and figure, filling reversible, double cloth, double plain and matelasse, Bedford Cord and pique, velveteen and corduroy, and Turkish towel. *Prerequisite*: W D 201

Mr. Jameson Mr. LaRoche Mr. Whitten

W D 205—Cam Loom Mechanisms—1 cr. (0 and 3)

A study of the construction, mechanical operation, and adjustments of the cam loom. Analytical study of the loom, adjustment and timing of the shedding motion, adjustment and timing of the picking motion, the beating-up motion, let-off and take-up motions, gearing, speeds, production.

Mr. Walters Mr. Berry
Mr. Graham Mr. LaRoche Mr. Whitten

W D 206—Cam Loom Mechanisms—2 cr. (1 and 3)

A further study of the cam loom mechanisms to include the automatic filling transfer, filling feelers, filling cutters, filling stop motion, warp stop motions, extra attachments such as tape selvage motions, auxiliary cams for twill and sateen weaves, and the various over-head attachments for shedding motions of more than two harnesses, loom calculations. *Prerequisite*: W D 205

Mr. Walters Mr. Williams Mr. Berry

W D 301—Fabric Structure and Design—2 cr. (1 and 3)

A study of the plans, drafts, and specifications required for the production of plain, leno, and figured fabrics. Leno mechanisms and design; warp and filling layouts; weave combinations; fabric construction; ratio of intersections; harness, reed, and chain plans; warping and slashing plans. *Prerequisite*: W D 201

Mr. McKenna Mr. Tarrant Mr. Hubbard

W D 302—Fabric Analysis—2 cr. (1 and 3)

A study of the analysis of fabrics as they come to the mill for

reproduction. Methods of determining yards per pound from a small sample and from the yarn counts; overall and ground construction; selection of yarn counts; determining the design, drawing-in-draft, chain draft, and reed plan; warp dressing plan; cotton, wool, silk, and rayon fabrics. *Prerequisites*: W D 201, 202

Mr. Cartee

W D 305—Dobby and Box Mechanisms—1 cr. (0 and 3)

A study of the construction, mechanical operation, and adjustment of dobby and box mechanisms. Setting and timing of the cylinder, knives, dobby crank, and shed; study of the box mechanisms and the use of two or more filling yarns in the weaving of fancy fabrics; setting, aligning, and timing of the box motion, and the building of pattern chains. *Prerequisites*: W D 205, 206

Mr. Cartee Mr. Tarrant

W D 306—Jacquard Mechanism—2 cr. (1 and 3)

A study of the theory and mechanisms of the jacquard machine and its complementary equipment. Types of jacquard machines and principles of operation; methods of harness building; card cutting and lacing machines. *Prerequisites*: W D 201, 205

Mr. McKenna Mr. Hubbard

W D 309—Knitting—1 cr. (0 and 3)

A study of the principles of knitted fabric construction and hosiery production. Knitting mechanisms, construction of knitted fabrics and hosiery, rib knitting, hosiery machinery, fancy knitting, sinker-reverse plating, the float and the welt stitch principle, hosiery analysis, material costs, labor costs, overhead costs, knitting calculations.

W D 401—Warp Preparation—2 cr. (1 and 3)

A study of warping and slashing mechanisms and the plans and requirements for efficient operation. Types of warping equipment; slashing machinery; size mixtures and processing methods for cotton, rayon, and other fibers. *Prerequisite*: W D 301

Mr. McKenna

W D 402—Fabric Development—2 cr. (1 and 3)

Production of woven patterns as studied in fundamental courses in the Weaving and Designing Department. Fabric development, analysis, and cloth order problems. *Prerequisites*: W D 301, 302, 305

Mr. Walters

YARN MANUFACTURING

Mr. Eaton

Mr. Gage
Mr. Campbell
Mr. Blair
Mr. Hendricks
Mr. Lathem
Mr. Thomson
Mr. Wilson
Mr. Hendrix

Y M 201—Blending and Cleaning—3 cr. (2 and 3)

A study of the mechanical equipment used to open, blend and clean the raw materials and to prepare cotton and other staple fibers for succeeding yarn manufacturing processes. Blending of staple fibers; calculations for drafts, measuring devices, waste, evener motions and production.

Mr. Thomson Mr. Hendrix

Y M 202—Carding—3 cr. (2 and 3)

A study of the theory and operation of the card as it is used in the processing of staple fibers and the doubling and drafting of sliver on the drawing frame. Card construction, settings, clothing, ratio of speeds and draft, production and waste studies on the card. Drawing frame construction, drafts and doubling.

Mr. Hendricks Mr. Wilson

Y M 301—Roving Frames—3 cr. (2 and 3)

The construction and operation of fly frames. Drafting, twisting and winding on slubbers, intermediates, and Jack frames; production, rolls, spindles, and flyers, differential motions and cones, twist per inch, all calculations for these topics.

Mr. Hendricks Mr. Thomson

Y M 302—Spinning—3 cr. (2 and 3)

A study of the manufacturing possibilities of the ring spinning frame and ring twister as they are used in the processing of staple fibers. The theory of the spindle, ring and traveler, drafts, twist, builder motions, production, general machine construction, and problems applicable to machines.

Mr. Gage Mr. Lathem

Y M 305—Cotton Marketing—1 cr. (0 and 3)

Cotton classing according to U. S. Government Standards for grades and staples. Classing and valuing all grades of cotton raised in U. S.; methods of ginning, marketing, and handling cotton; contracts and claims.

Mr. Gage

Y M 306—Combing—2 cr. (1 and 3)

A study of settings and adjustment of the comber and its preparatory machines; the value and use of its product. Timing and setting comber for various staples and required waste, production and other calculations; management; and operation of these machines.

Mr. Blair

ZOOLOGY

Mr. Ware Mr. Warnhoff

Zool 101, 103—General Zoology—4 cr. (3 and 3)

Designed to give the student thorough training in fundamental types and zoological principles. The morphology, physiology, behavior, reproduction, ecology, embryology, zoogeography, evolution and palaeontology of each phylum is presented.

Mr. Ware Mr. Warnhoff

Zool 301—Advanced Zoology—3 cr. (2 and 3)

Designed to give the student advanced training in zoological principles, physiology and comparative vertebrate anatomy. *Prerequisites*: Zool 101 and 103

Mr. Ware

Zool 302—Vertebrate Embryology—3 cr. (2 and 3)

Designed to give the student the fundamentals of developmental anatomy of the organ systems as illustrated by the chick and pig. By actual preparation of histological sections and mounts the student acquires practice in laboratory procedure and a working knowledge of vertebrate microscopic anatomy. Identification of the various tissues is stressed. *Prerequisites*: Zool 101, 103 and 301

Mr. Ware

Zool 306—Game Management—2 cr. (2 and 0)

A study of breeding habits of game animals and birds and type or territory desirable. The ethics of sportsmanship, and the control of predators are among other subjects covered.

Mr. Ware

THE CLEMSON AGRICULTURAL COLLEGE RECORD

PART VI

Public Service Activities

*AGRICULTURAL EXPERIMENT STATION STAFF

Board of Control

HONORABLE J. B. DOUTHIT ---------- Pendleton
HONORABLE W. W. BRADLEY, *Ex-Officio* ---------- Columbia
HONORABLE T. B. YOUNG ---------- Florence
HONORABLE PAUL SANDERS ---------- Ritter
HONORABLE F. E. COPE ---------- Cope
HONORABLE R. M. COOPER ---------- Wisacky
HONORABLE W. A. BARNETTE ---------- Greenwood
HONORABLE J. F. MCLAURIN ----------Bennettsville

R. F. POOLE, PH.D., D.SC., LL.D. ---------- *President*
H. P. COOPER, PH.D. ---------- *Director*
R. A. MCGINTY, M.A. ---------- *Vice-Director*

Agricultural Economics and Rural Sociology

G. H. Aull, Ph.D. ---------- Agricultural Economist
W. T. Ferrier, Ph.D. ---------- Agricultural Economist
J. M. Stepp, Ph.D. ---------- Agricultural Economist
W. E. A. Hussmann, Ph.D. ---------- Agricultural Economist
W. H. Peterson, Ph.D. ---------- Agricultural Economist
***J. S. Miles, M.S. ---------- Associate Agricultural Economist
L. D. Malphrus, M.S. ---------- Assistant Agricultural Economist
D. E. Crawford, B.S. ---------- Assistant Agricultural Economist
V. A. Boyd, M.S. ---------- Assistant Rural Sociologist
***C. P. Butler, M.S. ---------- Agricultural Economist

Agricultural Engineering

G. B. Nutt, M.S. ---------- Agricultural Engineer
G. H. Dunkelberg, M.S. ---------- Associate Agricultural Engineer
J. S. Evans, B.S. ---------- Assistant Agricultural Engineer
L. A. McInnis, B.S. ---------- Assistant Agricultural Engineer
***J. K. Park, M.S. ---------- Agricultural Engineer

Agronomy

H. P. Cooper, Ph.D. ---------- Agronomist
W. R. Paden, Ph.D. ---------- Agronomist
C. E. Hutton, Ph.D. ---------- Associate Agronomist
N. R. Page, M.S. ---------- Associate Agronomist
E. B. Eskew, B.S. ---------- Assistant Agronomist
***T. C. Peele, Ph.D. ---------- Soil Technologist
***O. W. Beale, M.S. ---------- Soil Scientist
***E. H. Stewart, M.S. ---------- Assistant Soil Scientist

Animal Husbandry

L. V. Starkey, M.S. ---------- Animal Husbandman
E. G. Godbey, B.S. ---------- Associate Animal Husbandman
G. W. Anderson, D.V.M., M.S. ---------- Associate Animal Pathologist

*List of staff members compiled October 28, 1948.
***In cooperation with the United States Department of Agriculture.

Botany and Bacteriology

G. M. Armstrong, Ph.D. ---------- Botanist and Plant Pathologist
C. H. Arndt, Ph.D. ---------- Associate Botanist and Plant Pathologist
W. B. Albert, Ph.D. ---------- Associate Plant Physiologist
H. H. Foster, Ph.D. ---------- Associate Plant Pathologist
N. B. Goebel, M.S. ---------- Associate Forester
C. C. Bennett, B.S. ---------- Assistant Botanist

Chemistry

J. H. Mitchell, M.S. ---------- Chemist
E. J. Lease, Ph.D. ---------- Nutritionist
D. B. Roderick, B.A. ---------- Assistant Chemist

Dairy

J. P. LaMaster, M.S. ---------- Dairyman
G. M. Barnett, Jr., B.S. ---------- Associate Dairyman
C. C. Brannon, B.S. ---------- Associate Dairyman
W. T. O'Dell, B.S. ---------- Assistant in Dairying
J. F. Causey, B.S. ---------- Assistant in Dairying
Victor Hurst, Ph.D. ---------- Associate in Dairying
G. W. Brandt, M.S. ---------- Associate Dairy Husbandman
W. A. King, Ph.D. ---------- Dairy Husbandman

Entomology

J. A. Berly, B.S. ---------- Acting Entomologist
J. H. Cochran, Ph.D. ---------- Associate Entomologist
David Dunavan, M.S. ---------- Associate Entomologist
W. H. Purser, M.S. ---------- Assistant Bee Specialist

Home Economics

Ada M. Moser, M.S. ---------- Home Economist
Elizabeth S. Watson, M.A. ---------- Assistant Home Economist
Florence E. Roach, A.B. ---------- Assistant in Home Economics

Horticulture

A. M. Musser, B.S. ---------- Horticulturist
O. B. Garrison, Ph.D. ---------- Horticulturist
**H. J. Sefick, M.S. ---------- Associate Horticulturist
L. O. Van Blaricom, M.S. ---------- Associate in Horticultural Manufactures
J. A. Martin, B.S. ---------- Associate Horticulturist
**R. J. Higdon, B.S. ---------- Assistant Horticulturist
***J. T. Bregger, M.S. ---------- Senior Soil Conservationist

Farms

C. S. Patrick, B.S. ---------- Head, Farms Department

Poultry

C. L. Morgan, M.S. ---------- Poultryman
J. B. Cooper, M.S. ---------- Associate Poultry Husbandman
M. A. Boone, M.S. ---------- Assistant Poultry Husbandman

**On leave.
***In cooperation with the United States Department of Agriculture.

Publications

S. C. Stribling, B.S. ---------- Agricultural Editor
H. M. Simons, Jr., B.S. ---------- Assistant Agricultural Editor
Doris Timmerman, B.A. ---------- Assistant Editor

Veterinary

R. O. Feeley, D.V.S. ---------- Veterinarian

Coast Station
Summerville, South Carolina

E. D. Kvzer, B.S. ---------- Superintendent
T. M. Clyburn, B.S. ----------Associate Animal Husbandman

Pee Dee Station
Florence, South Carolina

E. E. Hall, M.S. ---------- Superintendent
Alfred Manwiller, Ph.D. ---------- Associate Plant Breeder
W. A. Mappus, M.S. ---------- Associate Agronomist
J. F. Chaplin, B.S. ---------- Assistant Agronomist
F. M. Harrell ---------- Research Assistant
***F. F. Bondy, B.S. ---------- Entomologist
***L. C. Fife, M.S. ---------- Entomologist
***Norman Allen, M.S. ---------- Entomologist
***R. L. Walker, B.S. ---------- Assistant Entomologist
***W. H. Jenkins, B.S. ---------- Agronomist
***J. F. Bullock, M.S. ---------- Agronomist
***D. C. Harrell, B.S. ---------- Associate Agronomist
***Z. T. Ford, B.S. ---------- Agent
***T. W. Graham, Ph.D. ---------- Agent
A. R. McPherson, B.S. ---------- Agent
***W. H. Rolfe, B.S. ---------- Agent
***W. E. Vaught, B.S. ---------- Agent
***W. D. Yeargin, B.S. ---------- Agent

Sandhill Station
R. 5, Columbia, South Carolina

J. A. Riley, M.S. ---------- Superintendent
***W. A. Balk, B.S. ---------- Agent
W. A. Carns ---------- Foreman

Truck Station

Post Office Box 158, St. Andrews Branch
Charleston, South Carolina

W. C. Barnes, Ph.D. ---------- Superintendent
W. M. Epps, Ph.D. ---------- Associate Plant Pathologist

Edisto Station
Blackville, South Carolina

W. B. Rogers, B.S. ---------- Superintendent
J. G. Watts, M.S. ---------- Associate Entomologist
M. B. Hughes, Ph.D. ---------- Associate Horticulturist
**J. H. Horton, B.S. ---------- Assistant Agronomist
M. R. Powers, B.S. ---------- Associate Agricultural Engineer
***J. D. McCown ----------Agent
V. K. Quattlebaum, B.S. ---------- Assistant Agricultural Engineer
J. J. Wolfe, B.S. ---------- Assistant Agronomist

**On leave.
***In cooperation with the United States Department of Agriculture.

Crop Pest Commission and Seed Certification

G. M. Armstrong, Ph.D. ---------- State Pathologist
J. A. Berly, B.S. ---------- Acting State Entomologist
R. H. Gerrison, B.S. ---------- Associate Plant Breeder, in charge of Seed Certification
G. M. Anderson, B.S. ---------- Assistant State Pathologist

Fertilizer Inspection and Analysis

B. D. Cloaninger, B.S. ---------- Head of Department
H. J. Webb, Ph.D. ---------- Chief Chemist and Toxicologist
J. T. Foy, B.S. ---------- Chemist
E. E. Leslie, B.S. ---------- Assistant Chemist
**Maurice M. Phillippe, M.S. ---------- Assistant Chemist

LIVESTOCK SANITARY WORK STAFF

COLUMBIA, SOUTH CAROLINA

Mays, R. A., B.Sc., D.V.M. ---------- State Veterinarian and Director

Bierer, Bert W., V.M.D. ---------- Assistant State Veterinarian
Chastain, W. R., D.V.M. ---------- Assistant State Veterinarian
Cooper, I. R., Sr., D.V.M. ---------- Assistant State Veterinarian
Fisher, E. T., D.V.M. ---------- Assistant State Veterinarian
Hood, H. B., V.M.D. ---------- Assistant State Veterinarian
McKee, J. G., D.V.M. ---------- Assistant State Veterinarian
Peterson, F. K., D.V.M. ---------- Assistant State Veterinarian
Scott, Jack, D.V.M. ---------- Assistant State Veterinarian
Witherspoon, S. M., B.Sc., D.V.M. ---------- Assistant State Veterinarian

Ayers, N. J., D.V.M. ---------- Deputy State Veterinarian, Greer
Backsman, A. L., D.V.M. ---------- Deputy State Veterinarian, Laurens
Ballenger, O. E., D.V.M. ---------- Deputy State Veterinarian, Easley
Barnette, W. A., B.Sc., D.V.M. ---- Deputy State Veterinarian, Greenwood
Beasley, W. R., D.V.M. ---------- Deputy State Veterinarian, Batesburg
Beaty, R. W., Jr., D.V.M. ---------- Deputy State Veterinarian, Sumter
Blackstock, M. R., D.V.S. ---------- Deputy State Veterinarian, Spartanburg
Brennan, B. F., V.M.D. ---------- Deputy State Veterinarian, Aiken
Brown, Thos. E., D.V.M. ---------- Deputy State Veterinarian, Spartanburg
Bruce, T. B., II, D.V.M. ---------- Deputy State Veterinarian, Mullins
Burriss, Theo. L., D.V.M. ---------- Deputy State Veterinarian, Anderson
Burriss, William Mack, D.V.M. ------ Deputy State Veterinarian, Anderson
Caughman, F. P., Sr., B.S., V.M.D. -- Deputy State Veterinarian, Columbia
Caughman, F. P., Jr., D.V.M. ------- Deputy State Veterinarian, Columbia
Cofer, G. W., D.V.M. ---------- Deputy State Veterinarian, Columbia
Compton, D. H., D.V.M. ---------- Deputy State Veterinarian, Greenwood
Cooper, I. R., Jr., D.V.M. ---------- Deputy State Veterinarian, Ridgeland
Culpepper, M. D., D.V.M. ---------- Deputy State Veterinarian, Winnsboro
Dailey, H. F., V.M.D. ---------- Deputy State Veterinarian, Camden
Dickinson, R. L., D.V.M. ---------- Deputy State Veterinarian, Bishopville
Dickson, J. T., D.V.M. ---------- Deputy State Veterinarian, Rock Hill
Dunn, Will T., D.V.M. ---------- Deputy State Veterinarian, Greenville
Dyches, H. P., D.V.M. ---------- Deputy State Veterinarian, Aiken
Elder, H. W., D.V.M. ---------- Deputy State Veterinarian, Manning

* On leave.

Frieze, H. L., D.V.M. _____ Deputy State Veterinarian, Gaffney
Galphin, S. P., D.V.M. _____ Deputy State Veterinarian, Holly Hill
Gandy, R. E., Jr., D.V.M. _____ Deputy State Veterinarian, St. George
Gibson, Jas. G., D.V.M. _____ Deputy State Veterinarian, Florence
Gilmore, W. H., D.V.M. _____ Deputy State Veterinarian, Columbia
Ginn, William, D.V.M. _____ Deputy State Veterinarian, Varnville
Harmon, C. C., B.Sc., D.V.M. _____ Deputy State Veterinarian, Columbia
Helms, Carlos, D.V.M. _____ Deputy State Veterinarian, Darlington
Hinson, C. R., D.V.M. _____ Deputy State Veterinarian, Bennettsville
Hobart, C. Douglas, V.M.D. _____ Deputy State Veterinarian, Cheraw
Hogan, L. J., D.V.M. _____ Deputy State Veterinarian, Charleston
Hoffmeyer, T. P., D.V.M. _____ Deputy State Veterinarian, Florence
Jacobs, T. B., D.V.M. _____ Deputy State Veterinarian, Newberry
Jones, Preston B., D.V.M. _____ Deputy State Veterinarian, Anderson
Kellett, S. J., Jr., D.V.M. _____ Deputy State Veterinarian, Seneca
Kinard, H. B., Jr., D.V.M. _____ Deputy State Veterinarian, Greenwood
Kinard, Harold W., D.V.M. _____ Deputy State Veterinarian, Bamberg
Kitchen, Don C., D.V.M. _____ Deputy State Veterinarian, Greenville
Kitchen, F. E., D.V.M. _____ Deputy State Veterinarian, Greenville
Kitchen, G. R., D.V.M. _____ Deputy State Veterinarian, Bishopville
Latta, W. R., D.V.M. _____ Deputy State Veterinarian, Orangeburg
Lawhon, G. J., Sr., B.Sc., D.V.M. _____ Deputy State Veterinarian, Hartsville
Lawhon, G. J., Jr., V.M.D. _____ Deputy State Veterinarian, Camden
Lide, J. S., D.V.M. _____Deputy State Veterinarian, Newberry
Livingston, J. M., D.V.M. _____Deputy State Veterinarian, Prosperity
Love, Jas. M., D.V.M. _____ Deputy State Veterinarian, Lancaster
Magill, W. K., B.Sc., D.V.M. _____ Deputy State Veterinarian, Chester
Matthews, Watson H., D.V.M. _____ Deputy State Veterinarian, Rock Hill
McCormack, W. D., D.V.M. _____ Deputy State Veterinarian, Myrtle Beach
McInnes, B. K., M.D., V.M.D. _____ Deputy State Veterinarian, Charleston
McLean, B. C., V.M.D. _____ Deputy State Veterinarian, Aiken
Moore, A. S., D.V.M. _____ Deputy State Veterinarian, Walterboro
Moore, G. E. H., D.V.M. _____ Deputy State Veterinarian, Walterboro
Moore, J. H., D.V.M. _____ Deputy State Veterinarian, Charleston
Morse, J. H., V.M.D. _____ Deputy State Veterinarian, Sumter
Moses, Clyde R., D.V.M. _____ Deputy State Veterinarian, Georgetown
Osteen, A. J., D.V.M. _____ Deputy State Veterinarian, Charleston
Rattray, M. J., Jr., D.V.M. _____ Deputy State Veterinarian, Anderson
Rawlinson, Wm. F., D.V.M. _____ Deputy State Veterinarian, Manning
Riddle, H. E., D.V.M. _____ Deputy State Veterinarian, Greenville
Rodgers, Lee D., D.V.M. _____ Deputy State Veterinarian, Greenwood
Salley, R. R., D.V.M. _____ Deputy State Veterinarian, Orangeburg
Smith, G. K., D.V.M. _____ Deputy State Veterinarian, Spartanburg
Smith, Jas. A., D.V.M. _____ Deputy State Veterinarian, Springfield
Smith, J. R., D.V.M. _____ Deputy State Veterinarian, Marion
Stith, J. D., D.V.M. _____ Deputy State Veterinarian, Hartsville
Story, Frank A., D.V.M. _____ Deputy State Veterinarian, Denmark
Strock, Otto M., D.V.M. _____ Deputy State Veterinarian, Orangeburg
Suddath, R. O., B.Sc., V.M.D. _____ Deputy State Veterinarian, Seneca
Sutherland, H. L., D.V.M. _____ Deputy State Veterinarian, Union
Talley, B. C., B.Sc., D.V.M. _____ Deputy State Veterinarian, Bennettsville
VandeGrift, E. R., Jr., D.V.M. _____ Deputy State Veterinarian, Columbia
Whatley, U. E., D.V.M. _____ Deputy State Veterinarian, Dillon
Williams, J. M., D.V.M. _____ Deputy State Veterinarian, Moncks Corner
Willis, R. L., D.V.M. _____ Deputy State Veterinarian, Charleston

*AGRICULTURAL EXTENSION STAFF

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D. W. Watkins, B. S., M. A. ---------- *Director*
T. W. Morgan, B.S., M.S. ---------- *Assistant Director*
G. H. Bonnette, B.S. ---------- *Chief Clerk and Accountant*

Agricultural Economics

M. C. Rochester, B.S., M.S., Ph.D.
Leader, Agricultural Economics Extension Work, Clemson
M. H. Sutherland, B.S. ---------- Extension Agricultural Economist, Clemson
P. S. Williamon, B.S.
Extension Supervisor, Unit Test Demonstration Farms, Clemson

Agricultural Engineering

G. H. Stewart, B.S., M.S.,
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M. C. McKenzie, B.S. ---------- Extension Agricultural Engineer, Clemson
E. C. Turner, B.S. ---------- Extension Conservationist, Clemson
L. W. Johnson, B.S. ---------- Food Improvement Specialist, Rock Hill
H. Z. Duffie, Jr., B.S. ---------- Assistant Agricultural Engineer, Clemson
S. A. Williams, B. S. ---------- Cotton Ginning Specialist, Clemson

Agronomy

H. A. Woodle, B.S. ---------- Leader, Agronomy Extension Work, Clemson
W. H. Craven, B.S. ---------- Extension Agronomist, Clemson
H. G. Boylston, B.S. ---- Extension Cotton Improvement Specialist, Clemson
H. A. McGee, A.B. ---------- Extension Tobacco Specialist, Florence
J. M. Lewis, B.S. ---------- Extension Tobacco Specialist, Florence
J. R. Mattison, B.S. ---------- Extension Tobacco Specialist, Clemson

Animal Husbandry

A. L. Durant, B.S., M.S. ---------- Extension Livestock Specialist, Florence
J. T. Graves, B.S. ---------- Extension Livestock Specialist, Newberry

Dairying

C. G. Cushman, B.S. ---------- Leader, Dairy Extension Work, Clemson
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J. W. Lyle, B.S. ---------- Assistant Dairy Specialist, Clemson

Entomology and Plant Pathology

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E. S. Prevost ---------- Extension Specialist, Beekeeping, Clemson

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C. W. Hall, B.S. ---------- Extension Forester, Columbia
S. A. Marbut, B.S. ---------- Extension Forester, Clemson

Four-H Club Work

I. D. Lewis, B.S., M.S. ---------- State Boys 4-H Club Agent, Clemson
L. O. Clayton, B.S., M.A. ---------- District Boys 4-H Club Agent, Clemson
O. R. Smith, B.S. ---------- District Boys 4-H Club Agent, Aiken
J. T. Rogers, B.S. ---------- District Boys 4-H Club Agent, Florence

*List of staff members compiled November 1, 1948.

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A. E. Schilletter, B.S. ------ Leader, Horticulture Extension Work, Clemson
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H. A. Bowers, B.S. ---------- Extension Truck Crops Specialist, Barnwell

Marketing

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C. H. Langford, B.S. ---------- Extension Marketing Specialist, Columbia
W. A. Tuten, ---------- Extension Marketing Specialist, Columbia
L. M. Asbill ---------- Extension Marketing Specialist, Columbia
R. D. Steer, B.S. -- Extension Cooperative Marketing Specialist, Greenwood

Poultry

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W. B. Nesbitt, B.S. ---------- Extension Turkey Specialist, Columbia
J. E. Thaxton, B.S., ---------- Extension Turkey Specialist, York

Printing and Distribution of Publications

S. C. Stribling, B.S. ---------- Agricultural Editor, Clemson
Doris Timmerman, A.B. ---------- Assistant Agricultural Editor, Clemson
J. M. Eleazer, B.S. ---------- Extension Information Specialist, Clemson
P. D. Seabrook, B.S. ---------- Radio Specialist, Clemson

Visual Instruction

L. W. Riley--Extension Specialist, Motion Pictures & Photography, Clemson
J. K. Eargle ---------- Assistant In Visual Aids, Clemson

DISTRICT AGENTS

First District---------L. B. Massey, B.S. ---------- Spartanburg
Second District--------J. T. Lazar, B.S. ---------- Florence
Third District---------A. H. Ward, B.S., M.S. ---------- Aiken

COUNTY AGRICULTURAL AGENTS

County	*Name*	*Post Office*
Abbeville	Z. D. Robertson, A.B.	Abbeville
Aiken	R. R. Mellette, B.S.	Aiken
Allendale	C. B. Searson, Jr., B.S.	Allendale
Anderson	J. H. Hopkins, B.S.	Anderson
Bamberg	R. C. Hubbard, Jr., B.S.	Bamberg
Barnwell	D. A. Shelley, B.S.	Barnwell
Beaufort	E. C. Abrams, B.S.	Beaufort
Berkeley	M. C. Mason, B.S.	Moncks Corner
Calhoun	O. W. Cain, B.S.	St. Matthews
Charleston	C. W. Carraway, B.S.	Charleston
Cherokee	T. B. Lee, B.S.	Gaffney
Chester	T. A. Stallworth, B.S.	Chester
Chesterfield	J. C. Willis, B.S.	Chesterfield
Clarendon	A. D. Grainger, B.S.	Manning
Colleton	L. W. Alford, B.S.	Walterboro
Darlington	O. O. Dukes, B.S.	Darlington
Dillon	C. P. Goodyear, B.S.	Dillon
Dorchester	J. L. King, B.S.	St. George
Edgefield	O. W. Lloyd, B.S.	Edgefield
Fairfield	R. H. Lemon, B.S.	Winnsboro

Florence	J. W. McLendon, B.S.	Florence
Georgetown	M. M. McCord, B.S.	Georgetown
Greenville	W. R. Gray, B.S.	Greenville
Greenwood	P. M. Garvin, B.S.	Greenwood
Hampton	J. C. Anthony, B.S.	Hampton
Horry	V. M. Johnston, B.S.	Conway
Jasper	J. A. Kinard, B.S.	Ridgeland
Kershaw	W. C. McCarley, B.S.	Camden
Lancaster	F. W. Cannon, B.S.	Lancaster
Laurens	C. B. Cannon, B.S.	Laurens
Lee	W. L. Bryant, B.S.	Bishopville
Lexington	S. E. Evans, B.S., M.S.	Lexington
McCormick	G. W. Bonnette, B.S.	McCormick
Marion	J. C. King, B.S.	Marion
Marlboro	Colin McLaurin, B.S.	Bennettsville
Newberry	P. B. Ezell, B.S.	Newberry
Oconee	G. H. Griffin, B.S.	Walhalla
Orangeburg	J. C. McCombs, B.S.	Orangeburg
Pickens	T. A. Bowen	Pickens
Richland	R. W. Bailey, B.S.	Columbia
Saluda	F. M. Kearse, B.S.	Saluda
Spartanburg	J. F. Jones, B.S.	Spartanburg
Sumter	T. O. Bowen, B.S.	Sumter
Union	W. J. Martin, B.S.	Union
Williamsburg	R. A. Jackson, B.S.	Kingstree
York	J. D. Miller, B.S.	York
County Agent At Large	J. M. Napier, B.S., M.S.	Darlington

ASSISTANT COUNTY AGRICULTURAL AGENTS

County	*Name*	*Post Office*
Abbeville	L. H. Bull, B.S.	Abbeville
Aiken	W. A. Beasley, B.S.	Aiken
Anderson	J. L. Cochran, B.S.	Anderson
*Anderson	W. D. Wood, B.S.	Anderson
Barnwell	R. H. Sams, B.S.	Barnwell
Charleston	J. S. Rodgers, B.S.	Charleston
Cherokee	L. J. P. Stone, B.S.	Gaffney
Chester	D. C. Wylie, Jr., B.S.	Chester
Chesterfield	L. F. Cato, B.S.	Chesterfield
Clarendon	N. C. Anderson, B.S.	Manning
Colleton	J. R. White, Jr., B.S.	Walterboro
Darlington	W. J. Huntley, B.S.	Darlington
Dillon	H. F. Livingston, B.S.	Dillon
Dorchester	W. R. Flemming, B.S.	St. George
Edgefield	W. G. Yarborough, B.S.	Edgefield
Fairfield	E. V. Ragsdale, B.S.	Winnsboro
Florence	A. C. Odom, B.S.	Florence
Florence	F. M. Fleming, B.S.	Florence
Greenville	B. R. Leonard, B.S.	Greenville
Greenville	J. K. Jones, B.S.	Greenville
*Greenville	G. D. Butler	Greenville
Greenwood	E. G. Tate, Jr., B.S.	Greenwood
Hampton	C. W. Thompson, B.S.	Hampton
Horry	D. A. Benton, B.S.	Conway
Horry	W. J. Gray, B.S.	Conway

Jasper	R. C. Wiggins, B.S.	Ridgeland
Kershaw	J. B. Griffith, B.S.	Camden
Lancaster	M. H. Lynn, B.S.	Lancaster
Laurens	J. B. Williams, B.S.	Laurens
Lee	V. F. Linder, B.S.	Bishopville
Lexington	M. A. Bouknight, B.S.	Lexington
Marion	M. J. Carter, B.S.	Marion
Marlboro	J. L. Brown, B.S.	Bennettsville
Marlboro	D. E. Epps, B.S.	Bennettsville
Newberry	W. A. Ridgeway, B.S.	Newberry
Oconee	J. C. Morgan, B.S.	Walhalla
Orangeburg	R. G. Winburn, B.S.	Orangeburg
Orangeburg	J. H. Evans, B.S.	Orangeburg
Pickens	J. R. Wood, B.S.	Pickens
Richland	C. E. Cousins, B.S.	Columbia
Saluda	H. V. Rogers, B.S.	Saluda
Spartanburg	H. D. Marett, B.S.	Spartanburg
Spartanburg	R. D. McNair, B.S.	Spartanburg
Sumter	R. P. Alston, B.S.	Sumter
Williamsburg	L. B. Harrington, B.S.	Kingstree
York	C. H. Fant, B.S.	York
York	J. D. Williams, B.S.	York

* Special Assistant.

NEGRO AGRICULTURAL AGENTS

E. N. Williams, B. S., State Supervisor, Negro Agricultural Extension Work, State College, Orangeburg, S. C.

Waymon Johnson, B.S., Asst. State Supervisor, Negro Agricultural Extension Work, State College, Orangeburg, S. C.

County	*Name*	*Post Office*
Aiken	T. A. Hammond, B.S.	Aiken
Anderson	G. W. Stewart, B.S.	Anderson
Bamberg	E. D. Dean, B. S.	Bamberg
Beaufort	Benjamin Barnwell, B.S.	Beaufort
Berkeley	R. C. Bacote, B.S.	Moncks Corner
Colleton	J. J. Mitchell, B. S.	Walterboro
Charleston	J. A. Amaker, B. S.	Charleston
Chester	M. M. Sitton, B.S.	Chester
Clarendon	William Thompson, B. S.	Manning
Darlington	S. C. Disher, B.S.	Darlington
Dorchester	Eugene Frederick, B. S.	St. George
Fairfield	D. G. Belton, Jr., B.S.	Winnsboro
Florence	H. S. Person, B.S.	Florence
Greenville	R. W. Anderson, B. S.	Greenville
Greenwood	L. V. Walker, B.S.	Greenwood
Horry	W. P. Johnson, B.S.	Conway
Kershaw	J. D. Marshall, B.S.	Camden
Lancaster	R. N. Smith, B.S.	Lancaster
Laurens	J. D. Sweeny, B.S.	Laurens
Marion	G. W. Dean, B.S.	Marion
Marlboro	J. W. Nesbitt, B.S.	Bennettsville

Newberry	S. B. Marshall, B.S.	Newberry
Orangeburg	Q. J. Smith, B.S.	Orangeburg
Richland	J. E. Dickson, B.S.	Columbia
Spartanburg	R. C. Smith, Jr., B.S.	Spartanburg
Sumter	Arthur Sanders, B.S.	Sumter
Union	J. M. Robinson, B.S.	Union
Williamsburg	V. B. Thomas, B.S.	Kingstree
York	B. T. Miller, B.S.	Rock Hill

HOME DEMONSTRATION EXTENSION DEPARTMENT

The United States Department of Agriculture, Clemson College and Winthrop College, working in cooperation.

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JANE KETCHEN, B.S.
Assistant State Home Demonstration Agent, Rock Hill, S. C.

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HELEN D. HOLSTEIN, B.S.----District Home Dem. Agent, Rock Hill, S. C.

GERTRUDE LANHAM, B.S., M.S.--District Home Dem. Agent, Rock Hill, S. C.

ELOISE JOHNSON, B.S. ---------- State Girls' Club Agent, Rock Hill, S. C.

LOUISE HERIOT, B.S. ----Assistant State Girls' Club Agent, Rock Hill, S. C.

PORTIA SEABROOK, B.S., M.S. -------- Clothing Specialist, Rock Hill, S. C.

JANIE MCDILL, B.S., M.S. -------- Extension Nutritionist, Rock Hill, S. C.

MARGARET MARTIN, B.S., M.S. ---------- Food Specialist, Rock Hill, S. C.

RUBY CRAVEN, B.S. ------ Home Management Specialist, Rock Hill, S. C.

SALLIE PEARCE, B.S. ---------- Marketing Specialist, Rock Hill, S. C.

CURTYS BALLENTINE, B.S. ---------- Agent at Large, Rock Hill, S. C.

VIRGINIA DEVORE, B.S. --------- Consumer-Market Agent, Rock Hill, S. C.

COUNTY HOME DEMONSTRATION AGENTS

County	*Name*	*Post Office*
Abbeville	Cora Lee Coleman, B.S.	Abbeville
Aiken	Alpha Covar, B.S.	Aiken
Allendale	Mamie Sue Hicks, B.S.	Allendale
Anderson	Edith Childers, B.S.	Anderson
Bamberg	Marie Lambert, B.S.	Bamberg

Barnwell	Elizabeth McNab, A.B.	Barnwell
Beaufort	Mary Ellen Eaves, B.S., A.B.	Beaufort
Berkeley	Elizabeth D. Boykin, A.B.	Moncks Corner
Calhoun	Jeanne Coleman, B.S.	St. Matthews
Charleston	Lottie Marian Clements, B.S.	Charleston
Cherokee	Teresa Caskey, B.S.	Gaffney
Chester	Julia Dukes, B.S.	Chester
Chesterfield	Lillian D. Rivers, B.S.	Chesterfield
Clarendon	Eleanor Carson, B.A., M.S.	Manning
Colleton	Eva M. McGee, B.S.	Walterboro
Darlington	Mary Agnes Wylie, B.S.	Darlington
Dillon	Etta Sue Sellers, B.A.	Dillon
Dorchester	Ophelia Barker, B.S.	St. George
Edgefield	Harriett Gandy, B.S.	Edgefield
Fairfield	Mattie Lee Cooley, A.B., B.S.	Winnsboro
Florence	Vela Smith, B.S.	Florence
Georgetown	Louise Clements, B.S.	Georgetown
Greenville	Myrtle Nesbitt, B.S.	Greenville
Greenwood	Elizabeth Herbert, A.B.	Greenwood
Hampton	Annie Rogers, B.S.	Hampton
Horry	Margaret Cloud, B.S.	Conway
Jasper	Elizabeth B. Berry, B.S.	Ridgeland
Kershaw	Margaret Fewell, B.A.	Camden
Lancaster	Merrell A. Lane, B.S.	Lancaster
Laurens	Susan Hall, B.S.	Laurens
Lee	Mary Robert Spencer, B.S.	Bishopville
Lexington	Elizabeth Leonard, A.B., B.S.	Lexington
McCormick	Matilda Bell, B.S.	McCormick
Marion	Margie Davis, B.S.	Marion
Marlboro	Polly McGill, B.S.	Bennettsville
Newberry	Ethel Counts, B.A.	Newberry
Oconee	Mary C. Haynie, B.A.	Walhalla
Orangeburg	Sara E. Neely, B.S.	Orangeburg
Pickens	Sarah G. Cureton, B.S.	Pickens
Richland	Marguerite Summer, B.S.	Columbia
Saluda	Novice Hartzog, B.S.	Saluda
Spartanburg	Ellie Herrick, B.S.	Spartanburg
Sumter	Alice Jordan, B.S.	Sumter
Union	Merle S. Crocker, B.S.	Union
Williamsburg	Myrtle Hatchell, B.S.	Kingstree
York	Georgia Taylor, B.S.	Rock Hill

ASSISTANT COUNTY HOME DEMONSTRATION AGENTS

County	*Name*	*Post Office*
Aiken	Margaret G. McFadden, B.S.	Aiken
Anderson	Velma M. Cannon, B.S.	Anderson
Anderson	Mary E. Pace, B.S.	Anderson
Barnwell	Mildred Koger, B.S.	Barnwell
Beaufort	Ruth Quarles, B.S.	Beaufort
Berkeley	Gwendolyn K. Harris, B.S.	Moncks Corner
Cherokee	Gladys League, B.S.	Gaffney
Chester	Frances Finley, B.S.	Chester
Chesterfield	Thedia Wallace, B.S.	Chesterfield
Clarendon	Miriam Jordan, B.S.	Manning
Colleton	Catherine Foxworth, B.S.	Walterboro
Darlington	Rose Jacobs, B.S.	Darlington
Dillon	Margaret F. Hicklin, B.S.	Dillon
Florence	Blanche Kelley, B.S.	Florence
Florence	Mary Frances Shirley, B.S.	Florence
Greenville	Carolyn Ables, B.S.	Greenville
Horry	Lucile Stuckey, B.S.	Conway
Kershaw	Frances B. Hicks, B.S.	Camden
Lancaster	Mary Clarkson, B.S.	Lancaster
Laurens	Adeline Vaughn, B.S.	Laurens
Lexington	Marie Sullenger, B.S.	Lexington
Marion	Sara Jean Garrison, B.S.	Marion
Newberry	Jane Winn, A.B.	Newberry
Oconee	Nancy Helen Atkinson, B.S.	Walhalla
Orangeburg	Elizabeth Woodward, B.S.	Orangeburg
Pickens	M. Louise League, B.S.	Pickens
Richland	Theresa Wessinger, B.S.	Columbia
Saluda	Mildred Lucile Evans, B.S.	Saluda
Spartanburg	Jeannette M. Griffin, B.S.	Spartanburg
Sumter	Rosalie C. Rayle, B.S.	Sumter
Williamsburg	Martha Lucas, B.S.	Kingstree
York	Kathleen S. Matthews, B.S.	Rock Hill

NEGRO HOME DEMONSTRATION WORKERS

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Willie M. Price, Assistant State Supervisor, Negro Home Demonstration Work, State College, Orangeburg, S. C.

County	*Name*	*Post Office*
Aiken	Thelma Spigner, B.S.	Aiken
Allendale	Annie Mae Butler, B.S.	Allendale
Anderson	Cynthia Williams, B.S.	Anderson
Bamberg	Hallie Q. Bacote, B.S.	Bamberg
Beaufort	Willett Bowers, B.S.	Beaufort
Berkeley	Fannie M. Brown	Moncks Corner
Charleston	Albertha DeVeaux	Charleston
Cherokee	Martha Reid, B.S.	Gaffney
Colleton	Gussie M. Goudlock, B.S.	Walterboro
Darlington	Sara Aiken, B.S.	Darlington
Dorchester	Lillie Mae Jamerson, B.S.	St. George
Fairfield	J. Alfreda Wright	Winnsboro
Florence	Lillian Brown, B.S.	Florence
Georgetown	Rosa G. Gadson, B.S.	Georgetown
Greenville	Delphena W. Arnold	Greenville
Greenwood	Marie L. Kemlin, B.S.	Greenwood
Hampton	Leona W. Bing, B.S.	Hampton
Kershaw	Mary Lula Pratt, B.S.	Camden
Lancaster	Annabelle E. Spann, B.S.	Lancaster
Marlboro	Minnie E. Gandy, B.S.	Clio
Newberry	Lillian G. Saunders, B.S.	Newberry
Orangeburg	Rosa R. Odom, B.S.	Orangeburg
Richland	Bertha B. Sawyer, B.S.	Columbia
Spartanburg	Cammie Fludd, B.S.	Spartanburg
Sumter	Helen C. Walker, B.S.	Sumter
Union	Laura J. Whitney, B.S.	Union
Williamsburg	Eva G. Lawrence, B.S.	Salters Depot
York	Helen Barnwell, B.S.	Rock Hill

Note: All Negro Home Demonstration Agents have had college training in Home Economics.

THE SOUTH CAROLINA AGRICULTURAL EXPERIMENT STATION

The Agricultural Experiment Station of South Carolina is a department of Clemson College. The experiment station at present consists of the main station, which is located at Clemson, and five sub-stations: one at Summerville, in the coastal plain region; one at Florence, in the Pee Dee section; one at Pontiac, near Columbia, in the sandhill region, one in the trucking section near Charleston; and one in Barnwell county in the melon-growing area. The main offices and laboratories of the station are located on the Clemson College campus, while the station farm, consisting of about 200 acres, is east of and adjoining the College campus. The investigations dealing with the fundamental principles of agricultural science and with the application of such principles to practical agricultural operations are carried on in the laboratories and on the experiment station farm at Clemson. The experiments looking to the adaptation of such scientific data accumulated here and elsewhere to the conditions peculiar to certain sections of the State are carried on at the sub-stations.

It is the aim of the experiment station to conduct research work on problems which have a direct practical bearing on the agriculture of the State. With this end in view extensive experiments relative to the best methods of procedure under various conditions with the principal plants and animals have been undertaken. Economic and social problems are likewise being investigated. As progress is made the results obtained are given out to farmers in the form of bulletins, circulars, and personal letters. Since the establishment of the station, 375 such bulletins and 72 circulars have been published, covering practically all phases of agriculture.

Aside from the research work and the publication of results obtained from such research, the experiment station performs various other duties. Among these might be mentioned the entomological and pathological inspection work (which aims to protect the farms, orchards, and gardens of the State against the introduction of injurious insects and diseases); the biological and soil survey of the State, and the cooperative experimental work carried on with farmers in the State. The technically trained

experts of the station staff are regarded as authorities in their several specialties, and they are constantly giving out information relating to the various lines of agricultural endeavor. The station staff also aids in disseminating agricultural knowledge by cooperating with the Extension Service of the College in holding agricultural meetings and conferences and by meeting with the farm demonstration agents and giving to them technical information which they in turn carry direct to the farmers.

Close cooperation is maintained with the various research bureaus of the United States Department of Agriculture and with the departments of the College. The laboratories are always open to inspection by students and other people of the State. The same is true of the experiment station farm. There is always opportunity for a limited number of students to secure work in the various divisions of the station and to assist in the research work carried on by the members of the station staff.

Home economics research is carried on in cooperation with Winthrop College at Rock Hill. This work is designed to secure additional information on economic, social, and health factors influencing the home and living conditions of rural people.

Close cooperation is maintained between the home economics research department, the teaching and extension workers in this field, and the clubs and societies engaged in the promotion of better rural homes.

A full report of the work and expenditures of the Experiment Station is published annually and this report and all other publications of the station are free and will be sent on request. (Requests for these should be addressed to the Director, Agricultural Experiment Station, Clemson, S. C.)

FERTILIZER INSPECTION AND ANALYSIS

The work of fertilizer inspection and analysis is under the supervision of the Fertilizer Board of Control consisting of a Committee of the Board of Trustees. The work of inspection and analysis is a department of the Agricultural Experiment

Station. District Inspectors are located in different parts of the State. Their duties are to collect official fertilizer samples for analysis and check on the tagging and labelling of all fertilizer material.

The chemical work consists of the analysis of commercial fertilizers as provided for by the Fertilizer Law of the State. This Department also undertakes the analysis of waters, ores, minerals, and other naturally occurring materials, portions of human bodies in cases of suspected poisoning (as provided by law), and the analysis of home-mixed fertilizers. All the work of this Department is done without charge.

THE AGRICULTURAL EXTENSION SERVICE

The agricultural extension work of Clemson College and the United States Department of Agriculture cooperating is carried on by the Clemson College Extension Service. The work is supported by federal, state, and county appropriations. The main development of extension work has come since the enactment of the Federal Smith-Lever Act of 1914 providing grants of funds to the states for this purpose. The purpose of extension work is to diffuse among farm people useful and practical information on subjects related to agriculture and the farm home, and, through demonstrations and other practical methods, to stimulate the application of such information by farm people.

Agricultural Extension Work:—Under an Act of the Legislature in 1929, each county in the State has a county farm agent. These agents are agricultural college graduates who have had practical farm experience. They devote their time to the development of the agriculture of their respective counties through farm visits, demonstrations, personal conferences, meetings, community organizations, publications, letters, and otherwise. A staff of extension specialists representing the important lines of agriculture in the State assists the county agents in planning and carrying out the extension program.

Home Demonstration Work: —While home demonstration work is a part of the cooperative program of extension work under the Smith-Lever Act, and is under the general direction of the Extension Service, this work is conducted under the im-

mediate supervision of Winthrop College. Every county is provided with a home demonstration agent by legislative enactment, and these agents conduct educational demonstration work with farm women and girls in the production, preparation, and conservation of the family food supply, home marketing, home improvement, clothing, home furnishings and home management, nutrition, community organization, girls' 4-H club work, and other farm home activities.

Negro Demonstration Work:—Thirty-nine negro agricultural agents and twenty-eight negro home demonstration agents are employed to do extension work with negro farmers of the State in counties having large negro populations. These agents are employed in cooperation with the State College at Orangeburg, where the supervising agents for this work are located.

Agricultural Economics and Farm Management:—The extension program in agricultural economics and farm management is directed toward a wider dissemination among farm people of economic information, including the results of research work and farm experience, that may be useful to them in planning and conducting their farm businesses. This program includes outlook and economic information, the analysis of farm and home accounts and enterprise records on crops and livestock, kept by farm people with the aid of extension workers, county program planning work, farm tenure work, outlook information, and other activities in this field.

Agricultural Engineering: Extension work in agricultural engineering includes mainly educational work with farm people in the proper terracing and drainage of farm lands, irrigation, the efficient use of farm machinery and equipment, plans for farm buildings and other farm structures, improved cotton ginning methods, the utilization of electric power on the farm and farm water systems.

Field Crops:—Extension work with farm people on field crops includes educational demonstration work in the efficient production of high quality cotton, corn, tobacco, small grains, summer and winter legumes, hay crops, and other crops that are of importance to South Carolina farmers as sources of income and also

food and feed, and the efficient use of commercial fertilizers. This work is currently emphasizing annual grazing and improved permanent pastures.

Livestock:—Extension work in this project includes demonstrations in efficient livestock production, including the use of pure-bred sires, hog-feeding demonstrations, swine sanitation demonstrations, beef cattle, sheep and mule production, cooperative marketing of livestock, 4-H pig and beef calf club work, and the preservation of the farm meat supply.

Dairying:—Extension work in dairying includes work with farm people in placing and encouraging the use of purebred sires, artificial insemmination, dairy herd management, care and handling of milk, pastures and feed production, 4-H dairy calf club work, the marketing of dairy products and dairy cattle, the use of dairy equipment, and the feeding and management of the family cow.

Crop Insects and Diseases:—Crop insects and diseases take a heavy toll on the farms of South Carolina every year. The extension program in this line includes educational demonstration work in the prevention and control of crop diseases, crop insects, and work with beekeepers.

Forestry:—The extension program in farm forestry is directed toward the conservation, proper utilization, and efficient marketing of the farm forestry resources in the State. This program includes educational demonstration work in reforestation, thinning, pruning, selective cutting, fire protection, and timber estimating.

Boys' 4-H Club Work:—Agricultural clubs of farm boys are organized for the purpose of enlisting the intelligent interest of the boys and their parents in improved methods of agriculture. This program includes the organization of 4-H clubs, supervision of 4-H club demonstrations of crops and livestock production and checking the results, training 4-H judging and demonstration teams, leadership, and citizenship training, and holding 4-H club camps, tours, and recreational meetings.

Horticulture:—Extension work with farm people along horticultural lines includes mainly demonstration work in home or-

chard establishment and management, commercial peach and apple production, home gardens, the production of commercial truck crops, and sweet potato production. The emphasis is placed upon the efficient production of quality products both for home use and for the market.

Marketing:—Since the efficient marketing of farm products cannot be wholly separated from production, much of the time of all extension workers is devoted to assisting farm people with their marketing problems. This program includes assistance in the organization and operation of cooperative marketing associations, cooperation with auction markets, supervision of the federal-state shipping point inspection service for fruits and vegetables, demonstrations in grading and packing farm products, all of which is connected with the work of the Extension Service in aiding farm people to produce the varieties and quality of farm products that can be sold on the markets in this State and in other states.

Poultry:—The extension program of poultry demonstration work includes demonstration poultry and turkey flocks, the brooding and rearing of chicks, disease and parasite control, the construction of poultry houses and the use of poultry equipment, the development of poultry breeding flocks, 4-H poultry club work, and the marketing of surplus poultry and eggs from the farms of the State.

Publication and News:—The extension program of publications and news includes the preparation, editing and distribution of agricultural bulletins, news material and circulars, both from the College, and from the offices of the county agents and home demonstration agents. Mimeographed news articles and special news stories of agricultural interest are supplied to the newspapers of the State, and to the Associated Press. Monthly letters or printed circulars on poultry, orchards, gardening, dairying and Boys' 4-H club work are mailed free of charge to those persons especially interested in these subjects. Bulletins covering the important lines of farm activitiy in the State are prepared and made available to farm people who desire such information.

Radio Programs:—Radio programs are presented weekly over almost all of the radio stations in the State, bringing current agricultural news to the farm people.

Visual Instruction—The extension program of visual instruction includes the production and showing of educational motion pictures, film strips, and slides on agricultural and home economics subjects, and the production of photographs, charts, maps, and other visual educational material.

Other Activities:—The Extension Service represents the Clemson Agricultural College, which is the Land Grant College of the State, in conducting the educational work among farm people in connection with agricultural programs of the Federal government, such as the Agricultural Adjustment program, the Soil Conservation program, the Rural Electrification program, the Tennessee Valley Authority program, Farm Credit, and others. In addition, special programs, which involve the organization of agricultural resources, and other emergency programs of this nature are organized and conducted by the Extension Service.

LIVESTOCK SANITARY WORK

The function of the Livestock Sanitary Department is to assist livestock owners in the control and eradication of contagious, infectious and communicable diseases of livestock and poultry. When requested, investigations are made, and when necessary, assistance is rendered in the treating of livestock. Advice is also given for the control and eradication of diseases. In cooperation with the Federal Government and other States, this department maintains quarantine measures to prevent, so far as possible, the introduction of diseased livestock into the State.

This department of the College maintains a fully equipped laboratory in Columbia for the purpose of assisting veterinarians and owners of livestock and poultry in making diagnoses which cannot always be made in the field.

While the main office of this department is in Columbia, Assistant State Veterinarians are located in various sections of the State where their services may be obtained on short notice upon request.

In addition to the regular force of veterinarians directly connected with the Columbia office, practicing veterinarians are commissioned as Deputy State Veterinarians and assist in the control and eradication of contagious and infectious diseases of livestock. At present there are seventy-nine veterinarians so commissioned, and their locations are such that the Clemson College Livestock Sanitary Department is in position to render prompt service to livestock owners in all sections of the State.

The Clemson College Livestock Sanitary Department is fully equipped with large stocks of all classes of veterinary biologics for the control and eradication of contagious and infectious diseases of livestock. These products are used by our veterinarians in assisting with the control of contagious and infectious diseases and the owner pays for them on a cost basis.

This department is required by legislative enactment and supported by legislative appropriation.

CONTROL OF CROP PESTS AND DISEASES

The work of eradicating or preventing the introduction, spread or dissemination of any injurious insects and plant diseases is carried on under the direction of the State Crop Pest Commission. The State Entomologist and the State Pathologist have charge of this work under the commission.

The work of these officers consists in the control of contagious plant diseases and insect pests. Supervision of all nursery stock sold within the State is a duty of the Crop Pest Commission.

A permit tag issued by the State Crop Pest Commission should be attached to every package of nursery stock, seed, or plants offered for sale or shipment for planting purposes.

THE ENGINEERING EXPERIMENT STATION

The Engineering Experiment Station of the Clemson Agricultural College was established by the Board of Trustees in July, 1924. Its purpose is to aid the present industries in the State to do research work on the material resources of the State with a view of leading to the establishment of new industries, to study methods of utilizing waste products, etc.

In addition to serving the industries of the State and helping to solve engineering problems for the agricultural interests, it is hoped, in cooperation with the stations of other states, to add to the store of scientific and engineering knowledge. The staff consists of well-trained men from the various schools and departments of the College. The laboratories of the several departments of engineering, as well as others, are available for the use of the station in its investigation.

During the war period the Engineering Experiment Station undertook worthwhile projects in cooperation with the War Production Board. Emphasis is now being placed upon special research in ceramics.

ITINERANT TEACHER TRAINING IN VOCATIONAL EDUCATION

The College in cooperation with the State Department of Education is glad to assist those who teach vocational subjects in day trade schools and evening trade and industrial classes by supplying a trained man to assist in the work of organizing classes, organizing courses of study, making plans for teaching evening classes, and actually teaching vocational subjects. Requests for information regarding this service should be addressed to Mr. L. R. Booker, State Teacher Trainer in Industrial Education, Clemson, South Carolina.

The members of the staff of Agricultural Education visit all beginning teachers for the purpose of assisting them on the job and also for the purpose of collecting information which may

prove helpful in improving the work of teacher training at the College. In addition, conferences of teachers are held and consulting services made available in the interest of the professional growth of agricultural teachers, the rendering of service to agricultural communities, and the development of leadership among agricultural youth through the program of the Future Farmers of America.

SHORT COURSES AND CONFERENCES

The facilities of the College are made available for special meetings, such as farm groups, rural ministers, religious organizations, and scientific societies; and arrangements are made for special short courses in poultry, beekeeping, food preservation, cotton classing, water supply and sanitation, etc. Such activities, undertaken in the interest of the general welfare, are encouraged by the College.

THE

CLEMSON

AGRICULTURAL

COLLEGE

RECORD

PART VII

Student Register

1948-1949

GRADUATES OF 1948

BACHELORS' DEGREES CONFERRED FEBRUARY 1, 1948

School of Agriculture

Bachelor of Science Degree

Agriculture—Agricultural Economics Major

James Daniel Bozard _____ Orangeburg
Robert Eugene Burns, Jr. _____ Laurens

Agriculture—Agronomy Major

Olin Harry Blanton __ Tabor City, N. C.
James Ferris Chaplin _____ Myrtle Beach
John Leak Conyers ____ Cartersville, Ga.
Dean Davis _____ Seneca
Andrew Copes Gramling, Jr.__Orangeburg
Wilda Jenkins Gray _____ Ulmers
*Samuel J. Hadden _____ Hartsville
Butler Norman Kelly, Jr. _____ Union
*Don Carlos Sharp, Jr. _____ Allendale
Charles Rembert Skinner ____ Mayesville
Warren Monroe Stuck _____ Pomaria
Edward David Weimortz _____ Williston
Henry Grady Wilson, Jr. _____ Duncan
Francis Aubrey Yarborough _____ Lamar

Agriculture—Animal Husbandry Major

Noel Crowther Anderson _____ Abbeville
Kenneth Ray Bell _____ Lydia
Earl Reel Boazman _____ Chappells
*Thomas Campbell Cartwright ____ York
James Edison Craig _____ Salem
Clarence Jackson Gulledge __ Wedgefield
Herman Festus Livingston, Jr. ___ North
Robert Dye McNair _____ Gable
Benjamin Ralph Nicholson _____ Clarkesville, Ga.

Agriculture—Dairy Major

Richard Richardson Baskin __ Bishopville
Johnson Heyward Cope _____ Cope
Charles Edford Cousins _____ Columbia
Wayne Talmage O'Dell _____ Easley
Walter Cuthbertson Spearman _____ Rock Hill

Agriculture—Horticulture Major

Russell Hobart Clemmer, Jr. __ Ridgeland
Alexander Jackson Dibble __ Orangeburg
James Edmund Herlong _____ Saluda
William Charles Kennerty ___ Charleston
William Loretta Marlow _____ Inman
O'Neal Miller, Jr. _____ Wagener
Charles William Sanders _____ Columbia
Edward Prince Spivey _____ Loris
John Seabrook Whaley _____ Wadmalaw Island

Agricultural Engineering

John Oscar Bethea _____ Darlington
Addison Brooks Carwile, Jr. __ Abbeville
Henry Curtis Edens, Jr. _____ Dalzell
John Stephen Evans _____ New Zion
Daniel Ellis Hay, Jr. _____ Johns Island
*Laurin Allen McInnis _____ Clio
Harry Glenn Rhodes _____ Darlington
William Ira Sturgis _____ Rock Hill

School of Arts and Sciences

Bachelor of Science Degree

Arts and Sciences

James Marvin Helms, Jr. _____ Rock Hill

General Science

James R. C. Calhoun _____ Dillon
Homer Coker _____ Turbeville
Tally Smith Fox _____ Ravenel
Curran Littleton Jones _____ Columbia
Robert Dean Ross _____ Gaffney

Industrial Physics

Jimmie Alan Suddeth _____ Clinton

Pre-Medicine

Frank Epting Dreher ____ West Columbia
William Graham Ponder ___ Madison, Ga.
James Carlisle Shelley _____ Nichols
Charles Julius Valley _____ Pickens

School of Chemistry

Bachelor of Science Degree

Chemistry

Sewell Edward Hunsuck, Jr. ___ Whitney
Lehman Archie Overman __ Augusta, Ga.
James Cowan Ownby ____ Newport, Tenn.
Claude Lyttleton Williams, Jr.
_____ Baltimore, Md.

* With Honor

School of Engineering

Bachelor of Science Degree

Architecture

Howard Davis Bangle -- Salisbury, N. C.
Charles Eugene Cheatham, Jr.
---------- Greenville
Robert Nyle Jackson, Jr. ---- Gray Court

Chemistry-Engineering

Felton Arless McEntire ---------- Clemson

Bachelor of Civil Engineering Degree

John Wright Armstrong ------- Laurens
Edward Herman Balentine --- Greenwood
Edgar Stuart Coffey ---------- Manning
Roy Melvin Davenport, Jr. -- Miami, Fla.
James Nelson Glenn ---------- Clemson
William Wesley McWhorter--Spartanburg
Joseph LaRoche Rivers ---- Johns Island
James Reuben Wallace ---------- Central
Charles Edgar Williams, Jr. ---------- Rock Hill

Bachelor of Electrical Engineering Degree

Marvin Carlyle Baldwin, Jr.--Orangeburg
Benjamin Edward Bostick ----- Beaufort
*John Workman Evans, Jr. --- Kingstree
William Frederick Gunnels, Jr. --- Aiken
Benjamin Allen Hooker ------ Greenville
Robert Wells Lowman -------- Denmark
Frank Grohmann McCoy ---- Charleston
William Marshall McKenzie -- Lake City
Lewis Lamar Yarbrough ---------- Thomaston, Ga.
Alexander Robert Mitchell, Jr.
---------- Mt. Pleasant
Louis Albert Nooe, Jr. ------- Ridgeway
James Sutherland Russell --- Macon, Ga.
Claude Jackson Sperry, Jr.--Spartanburg
George Cleveland Thompson, Jr.
---------- Falls Church, Va.
Joseph Howard Welch, Jr. ---- Florence

Bachelor of Mechanical Engineering Degree

John Franklin Ayers, Jr. ---- Greenville
Paul Hodges Barton ----- Travelers Rest
Robert Frank Davis ---------- Columbia
John Robert Devlin --------- Greenwood
George Reid Dusenberry, Jr. -- Due West
*Lewis Wilbur Felkel, Jr. ----- Cameron
John Holmes Garraux ------- Greenville
Charles Kenneth Herns ------ Charleston
Larry Maurice Hewin ------- Greenville
William Kenneth Ousley--Salisbury, N. C.
Stockwell Dudley Pennington
---------- Atlanta, Ga.
William Otway Printup, Jr.
---------- Baltimore, Md.
Roland Wilson Quinn ---------- Pacolet
Duncan Wilkie Rabey, Jr.--Savannah, Ga.
Ernest Harrison Rhame, III ----- Sumter
Carl Gordon Richardson ---- Orangeburg
Charles Hamilton Rogers ---- Hartsville
Orrin Kenneth Rudd, Jr. -- Savannah, Ga.
Joseph Crawford Seaman ---- Greenville
*William Clyde Stegall ------- Walhalla
William Ernest Stowe, Jr. ---- Rock Hill
Martin Robert Tilson ---- Savannah, Ga.
John Irving Westervelt ------ Greenville

School of Textiles

Bachelor of Science Degree

Textile Engineering

*Nat Simpson Anderson ------ Piedmont
William Earle Bates, Jr. -- Spartanburg
Roy Stallings Bobo ---------- Greenville
Howard Earl Brown --------- Greenville
*James Leighton Brown -- Hartwell, Ga.
Lawrence Haskell Buchanan --- Marietta
Charles Boyd Burnett ------ Spartanburg
William Henry Burns ---------- Clemson
Robert Lewis Calvert ------ Honea Path
J. G. Farrell, Jr. ---------- Drayton
Thomas Norris France ----- Spartanburg
Frederick Eison Glenn ---------- Greer
William Duncan Graham ------ Rock Hill
Robert Hughes King ---------- Lancaster
Lewis Oscar McKee ---------- Woodruff
Calvin Emanuel Parrish--Cedartown, Ga.
Albert Seitz Pfaff--Avon by the Sea, N. J.
William Yeldell Quarles, Jr. --- Abbeville
Robert Ellison Ragsdale, Jr.--Williamston
Arthur West Rollins -------- Charleston
Maner Erwin Sibley -- Milledgeville, Ga.
Melvin Herman Smith ------ Great Falls
Karl Ernest Thies, Jr. -- Charlotte, N. C.
Lewis Willard Thompson -- Spartanburg
*William Stillwell Vincent--Spartanburg
*John William Webster ------ Greenville
*Robert Beverley Willey ----- Greenville
Robert Powe Wilson ------- Chesterfield

School of Vocational Education

Bachelor of Science Degree

Vocational Agricultural Education

Chesley Clarence Beam--Lawndale, N. C.
James Scott Boozer ---------- Chappells
Robert Clifton Chastain -------- Pickens
Curtis Wildon Derrick, Jr. ---- Columbia
John William Harris ---------- Madison
Preston B. Herlong ---------- Johnston
John Robert Lindsey ------- Omega, Ga.
Robert Everette Norris --------- Conway
Senis McTeer Padgett ---------- Ruffin
Glenn Parnell Plyler --------- Columbia
Richard Charles Truett ---- Timmonsville
John Dewey Winburn, Jr. ---- Hartsville

* With Highest Honor

Education

Jack Ross, Jr. ---------- West Palm Beach, Fla.

Industrial Education

William Glenn Childers ------ Lexington
Albert David Farah ---------- Whitmire
Robert Bruce Lynch ---------- Folly Beach

MASTERS' DEGREES CONFERRED FEBRUARY 1, 1948

Master of Science

Agricultural Economics

Jackson Vahl McElveen ---------- Cades
James Samuel Plaxico ---------- Sharon
Joe Allen Martin ------ Bowersville, Ga.
Boyd Joseph Todd ---------- Loris

DEGREES CONFERRED JUNE 6, 1948

School of Agriculture

Bachelor of Science Degree

Agriculture—Agricultural Economics Major

John O'Neil Gerald ---------- Loris
Lamar Tarrant Judy ------- Orangeburg
Joseph Gilbert Hardee ---------- Loris
Lewis Hall Trotti ---------- Chesterfield
James Neal Young ---------- Florence

Agriculture—Agronomy Major

Howell Floyd Beach, Jr. ---- Walterboro
†Alfred Sheriff Gramling --- Orangeburg
Luther Smith Bird ---------- Greenville
Ralph Williams Kay ---------- Easley
Edward Foster Carnell ---------- Union
Clemson Horace Key ------- Warrenville
William Thomas Clayton ------- Central
Thomas Belton Laney ---------- Cheraw
Alfred Ben Coleman ---------- Anderson
Charles Whitted Leavell -------- Sumter
Thomas Lewis Drummond ---- Woodruff
Reese Dean Morgan ---------- Springfield
†Ray Curtis DuBose ---------- Lamar
Dewey Paul Rochester ---------- Salem
William Herbert Funchess, Jr.
---------- Rowesville
†Hilton Vernard Rogers -------- Chesnee
‡Duane Benjamin Rosenkrans, Jr. -------- Clemson

Agriculture—Animal Husbandry Major

Olin Edward Baxley ---------- Kershaw
Walter Herbert Kennick -------- Chester
Lewis Felton Cato ---------- Monetta
Hugh Gilbert McColl ---------- Clio
Samuel Eugene DuRant ---------- Alcolu
Isham Nathaniel Rizer ---------- Lodge
William Ray Flemming ---------- Gable
James Hoyt Rogers ---------- Hartsville
Charles Edward Haines----Riverdale, Md.
Ernest Gary Tate, Jr. ---------- Taylors
Harvey Zane Woodfin ---------- Inman

Animal Husbandry and Vocational Agricultural Education

Milo Plympton Zuver ---------- Clemson

Agriculture—Dairy Major

James Francis Causey ---------- Furman
Richardson Miles Hanckel --- Charleston
Constantine George Coclin ----- Beaufort
Rudolph Brown Pursley ---------- Filbert
Samuel McGarthy Frazer, Jr. --- Chester
Cyril Shuman ---------- Furman
James Gordon Hagen, Jr. ----- Abbeville
McCagga Baxter Smith ---- Spartanburg

Agriculture—Entomology Major

Max M. Askey, Jr. ------ North Augusta
†Leon Hunter Moore ---------- York
Ernest Craig Turner, Jr. ---------- Clemson

Agriculture—Horticulture Major

Richard Hal Bowers ---- Fitzgerald, Ga.
†Edward August Lindenberg--Charleston
Lynch Horry Deas Boykin, Jr. -- Boykin
William John Park ---------- Greenwood
Francis Coppedge Emanuel ---- Rembert
James Somers Rodgers ------ Charleston
Roscoe John Higdon ---------- Gay, N. C.
‡Harold Douglass Taylor ------ Greenville

• With Highest Honor
‡ With High Honor
† With Honor

Agricultural Engineering

Francis Pelham Bradford, Jr. ___ Sumter
Carson Carmichael, Jr. _____ Fork
Woodrow Barthell Chastain _____ Pickens
Martin Brian Hall, Jr. _____ York
Marshall Wilson Loupo _____ Lake View
Frank Cullen Lucius
_____ West Palm Beach, Fla.
†Carl McHenry Lund _____ Columbia
Frederick Keating Norris, Jr.__Eutawville
Veran Kelton Quattlebaum ____Williston
Ernest Brasington Rogers, Jr._____Sumter
James Howard Shirer _____ Elloree
Charles Calvert Vaughan _____ Jonesville
Watkins Whittaker Woodson ____ Central

School of Arts and Sciences

Bachelor of Science Degree

Arts and Sciences

Frank Morgan Allen _____ Central
Charles Wesley Ellis ____ Brunswick, Ga.
William Thomas Holroyd _____ Anderson
†Herman Howard Kirkpatrick
_____ Mount Vernon, Iowa
‡Harold Fochone Landrith _____ Seneca
†Leigh Harrison Maier ____ Nutley, N. J.
Herbert Hall Provence, Jr. ___ Greenville
Alfred Burgess Robinson _____ Easley
William Alexander Robinson, Jr.__Easley
Clyde Weaver, Jr. _____ Timmonsville
William Montgomery Wilkins
_____ Spartanburg
Tom Walker Yarboro, Jr. _____ Mullins

General Science

Marshall Alexis Fant, Jr. _____ Anderson
John Evans Reese, Jr. _____ Columbia
William Foxworth Thompson _____ Marion

Industrial Physics

Robert Lee Chaplin, Jr _____ Ridgeland
†Joseph Otto McCrary _____ Greenville

Pre-Medicine

†Joe Walton Frazer, Jr.__Charlotte, N. C.
Walter Lee Gaillard _____ Williamston
Morey Lipton _____ Beaufort
Louis Garthright Ratcliffe, Jr.
_____ Charlotte, N. C.
Henry Mitchell Reynolds, Jr.___Edgefield
James Booth Smith _____ Charleston
James Carlisle Thrailkill _____ Saluda
Harold Eugene Walker _____ Anderson

School of Chemistry

Bachelor of Science Degree

Chemistry

Hugh Gilbert Brown, Jr. ___ Orangeburg
James Kenneth Brown ___ Travelers Rest
†Stanley Bernard Farbstein ____ Beaufort
Julian Beattie Friday, Jr. ____ Charleston
John William Gillespie _____ Walhalla
†Francis Baird Hutto, Jr.
_____ Jacksonville, Fla.
Carl Martin Norton, Jr. _____ Estill
William Bryan Rogers, Jr. ___ Blackville
Henry Cumming Twiggs, Jr.
_____ Havana, Cuba

School of Engineering

Bachelor of Science Degree

Architectural Engineering

Harry Graham Reynolds _____ Greenwood

Architecture

†Mel Pegram Booker _____ Anderson
Leslie Jean Cronk _____ Metuchen, N. J.
Clifford Poinsett Exum, Jr. _____ Sumter
Don Deleno Folk, Jr. _____ Greenville
James Calvin Hemphill, Jr.___Greenwood
Rufus Duncan Lewis, Jr. __ Spartanburg
James Larry Poole ____ Asheville, N. C.
Samuel Rufus Putnam, Jr. ___ Greenville

Chemistry-Engineering

John Levi Cooper, Jr. _____ Greenville
Fred Kenneth Guest _____ Travelers Rest
Ralph French Whall _____ San Juan, P. R.

• With Highest Honor
‡ With High Honor
† With Honor

Bachelor of Chemical Engineering Degree

James Kenneth Brown __ Travelers Rest
†Stanley Bernard Farbstein ____ Beaufort
†William Warren Gignilliat __ Macon, Ga.
Claude Reuben Smith _____ Lancaster

Bachelor of Civil Engineering Degree

Virgil Lawrence Ashmore, Jr.__Greenville
John Folk Brunson _____ Fairfax
William Brooks Bryans, Jr.__Dublin, Ga.
John Pierce Calhoun _____ Sumter
Charles Kenneth Cheezem _____ Andrews
Joseph Anthony Font ____ Santuree, P. R.
John Lewis Gervais, Jr. ___ Johns Island
James Calvin McLane, Jr. ____ Newberry
Thomas Roland Morris, Jr.
_____ Hickory, N. C.
†Alex Andrew Moss _____ Greenville
James Marion Peek _____ Blacksburg
Neill Macaulay Perrin _____ Greenville
†William Kerr Stephens __ Canton, N. C.
†James Edward Sultis __ Memphis, Tenn.
Oscar Raymond Summer, Jr.__Newberry
John Elam Thomas, Jr.__Nashville, Tenn.
Frederick A. Triplett, Jr. _____ Chester
Cambridge Munro Trott, Jr. — Charleston
Joe Emerson Webb _____ Saluda

Bachelor of Electrical Engineering Degree

James Neel Bailey, Jr. _____ Greenwood
Robert Herman Berly, Jr. ___ Lexington
Lowrie Wilson Burdette, Jr.___Greenville
*Henry Thompson Cannon ___ Newberry
‡Andrew Boyce Carson, Jr. ___ Greenville
Arthur Mell Doolittle, Jr. __ Athens, Ga.
Verde Hansford Eargle _____ Leesville
Frank Gorman _____ St. Petersburg, Fla.
John Godfrey Gravlee, Jr.__De Land, Fla.
Archie Weldon Hill, Jr. ___ Spartanburg
Max Holland _____ Bowersville, Ga.
James William Ivey _____ Spartanburg
John Epting Jenkins _____ Simpsonville
Thomas Duckett Johnson _____ Newberry
Davis Hazel Kirby _____ Lynchburg
William Glenn Lovett, Jr.
_____ Charlotte, N. C.
†Eugene Gilmer McCall, Jr. __ Rock Hill
George Lee Milton McCuen__Ware Shoals
†John Campbell Martin ____ Orangeburg
Swaine Adelbert Merchant, Jr.
_____ Bamberg
Herbert A. Moses _____ Sumter
Thomas Watkins Patrick _____ Clemson
†William Warren Pruitt _____ Greenville
Philip Booth Ross _____ Sumter
Earle Baker Scott _____ Marion
George Zachary Siokos _____ Columbia
Thomas Franklin Stackhouse, Jr.
_____ Florence
Harold Edward Thomason, Jr.
_____ Greenville
Thomas Edwin Thornhill ____ Charleston
Charles McDonald Timmons___Greenville
Charles Vernon Watson ____ Spartanburg
Garlington Columbus Wilburn__Ridgeland

Bachelor of Mechanical Engineering Degree

George Albright Beach, Jr. ___ Columbia
Waldo Neely Blackmon _____ Rock Hill
Philip Stockton Boykin, Sr. _____ Boykin
‡George Hirst Bradley, Jr. __ Atlanta, Ga.
Harry Alvin Braswell _____ Marion
Samuel Charles Brown, Jr.____Charleston
Ernest Henry Cappelmann, Jr.
_____ Columbia
Kenneth Gladstone Caughman, Jr.
_____ Anderson
Robert Phillips Corker _____ Springfield
Robert Lee Crawford, Jr.__Savannah, Ga.
Robert R. Dickerson _____ Spartanburg
Horace Grady Edmondson, Jr.
_____ Cedartown, Ga.
Henry Stuckey Flowers _____ Sumter
Robert Spencer Frye _____ Atlanta, Ga.
John Leon Gabrels _____ Pauline
†William Thomas Hammond___Charleston
Elbert Bouie Hubbard, Jr. _____ Sumter
Harry C. Hutson, Jr. _____ Charleston
Guillermo Antonio Iturralde G.
_____ Guantanamo, Cuba
Cyrus Mellette Jeffords ____ Spartanburg
Philip Klinck _____ North Augusta
Harry Lloyd Lancaster, Jr.____Port Royal
John Thomas McElveen _____ Columbia
Branch McKessick McNeely, Jr.
_____ Mooresville, N. C.
Walter G. Musselman ___ Bethlehem, Pa.
William Hill Orders _____ Greenville
Clarence Eugene Richbourg _____ Liberty
Henry Fowles Rivers, Jr. __ Johns Island
James Baird Sanders _____ Rock Hill
Henry Edward Simpson _____ Greenville
John Albert Smith _____ Juncos, P. R.
Robert Hartwell Strange _____ Sumter
Arthur Mason Suggs _____ Clover
Clyde Clayton Thompson, Jr.___Columbia
Van Noy Thornhill _____ Charleston
John Holmes Trescot, Jr. _____ Columbia
Charles Fairey Varn _____ Charleston
Harold Irving Warrington
_____ Moorestown, N. J.

School of Textiles

Bachelor of Science Degree

Textile Chemistry

†Roy Holroyd France _____ Spartanburg
Aquille Mazon Hand, Jr. ____ Hardeeville
George Foster Hemphill _____ Greenwood
Joel Earl Hudson, Jr. _____ Greenville
Theodore Alexander Jeffords, III
_____ Orangeburg
Albert Lee Lefler _____ Converse
†John Martin Nesius _____ Utica, N. Y.
Ralph Edward Taylor _____ Newberry

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* With Highest Honor
‡ With High Honor
† With Honor

Textile Engineering

James Bramlett Anderson ____ Fairforest
Rudolf Anderson, Jr. ________ Greenville
Louis Pinckney Batson, Jr. __ Greenville
Ernest Blakely, Jr. _____ Greenville
Milton Prue Blanchett, Jr._____Abbeville
Leland Earl Burns _____ Greenville
Calvin Clifford Carlton _____ Anderson
Joseph Hollingsworth Carter, Jr.
_____ Newton, N. C.
John Franklin Chalmers _____ Anderson
•Robert Erwin Christenberry__Greenville
Charles Taylor Cockrell ___ Chipley, Fla.
Joseph Greene Connelly
_____ Morganton, N. C.
Charles Henry Crumpton ___ Orangeburg
Bland Mathis Derrick _____ Irmo
Arthur Cosby Dorsey _____ Greenville
Clarence Vernon Elrod _____ Central
James Carlisle Fair _____ Greenville
Glenn Carzell Gambrell _____ Seneca
Ralph Lee Garner _____ Union
Clyde Franklin Garren, Jr. __ Greenwood
Guy Alexander Glenn _____ Fair Play
Thomas Hunter Graham _____ Scranton
Edward Hampton Greene ____ Greenwood
Frank Prentiss Hammond ___ Greenville
Robert Paul Harrington _____ Manning
Nelson Norfleet Harte, Jr.__Spartanburg
Charles Edward Heaton _____ Piedmont
Robert McLean Hicklin _____ Richburg
Clay Babb Hill _____ Fountain Inn
Jack Payson Holland _____ Columbia
Ernest Ervin Holt, Jr. ____ Spartanburg
Clement Ralph Howell _____ Greer
Harold Rhyne Jones ____ Gastonia, N. C.
Larry Lee Knight _____ Drayton
Richard David Laycock __ Houston, Tex.
Ernest Fewell Livingston ___ Greenwood
†John Fraser Livingston _____ Columbia
Charles Reid Martin _____ Pendleton
T. L. Meeks _____ Belton
Grover Cleveland Miller, Jr. __ Greenville
Raymond DuRant Morris _____ Anderson
Robert Alonzo Mullikin ____ Williamston
Dorsey Newton _____ Hartsville
Arthur Nuttall, Jr. _____ Cedartown, Ga.
Joel Phillips _____ Anderson
Augustine Edward Punaro_North Augusta
Winston Andrew Quinn _____ Pelzer
Woodford Simpson Quinn _____ Pelzer
Francis Charles Ramsey _____ Gaffney
Horace Edward Riley Ray _____ Olar
Donnie Dewey Rice, Jr. _____ Anderson
Thomas Smythe Richbourg _____ Dillon
Norman Victor Smith, Jr. _____ Greer
Robert Clanton Smith, Jr.__Spartanburg
Harold Rickert Valerius, Jr.
_____ St. Louis, Mo.
†William Thomas Waters _____ Camden
William Lester Whitesides, Jr. __ Smyrna
Howard Bryan Whitmire __ Westminster
John Thomas Wigington, Jr. ___ Clemson
Charles Coolidge Withington, Jr.
_____ Greenville

Textile Manufacturing

†William Marshall Chapman _____ Spartanburg

Textile Engineering and Textile Manufacturing

‡James Henry Walker, III _____ Griffin, Ga.

School of Vocational Education

Bachelor of Science Degree

Vocational Agricultural Education

Milton Otho Alexander _____ Central
Roy Vernon Boggs _____ Seneca
Chester Clair Carter _____ Leo
Ernest Thompson Chandler _____ Olanta
Percival Christopher Evans, Jr.___Elloree
Eddis Wilton Freeman _____ Greenville
Carl Edwin Gambrell, Jr. _____ Piedmont
Thomas William Gladden _____ Lowrys
David Benjamin Gohagan _____ Furman
William Luther Haltiwanger
_____ Little Mountain
Simeon Pinckney Wright _____ Bishopville
George Joel Harris _____ Madison
Thomas Ezra Hill _____ Hartsville
Edwin Elbert Lane _____ Mullins
James Garfield Lesley _____ Easley
Carl Elmore Lowder _____ Turbeville
Ansel Darwyn Orander _____ Easley
VonLeigh Omar Snelgrove _____ Gilbert
David Kershaw Stokes, Jr. _____ Camden
R. E. Stone _____ Pamplico
Boyce Todd _____ Loris
Samuel Onice Tomlinson _____ Olanta

Industrial Education

Robert Hamilton Folk _____ Belton
John Mathias Moorer _____ Charleston
Donald Bayne Murray _____ Chester
Raymond Herbert Pettit _____ Gaffney
John Robert Scoggins _____ Smyrna
William Cecil Walters _____ Lancaster

Professional Degree of Civil Engineer

Earle Sloan _____ Columbia

• With Highest Honor
‡ With High Honor
† With Honor

DEGREES CONFERRED AUGUST 20, 1948

School of Agriculture

Bachelor of Science Degree

Agriculture—Agricultural Economics Major

Holbert Orson Crawford ---------- Clemson

Agriculture—Agronomy Major

William Hartwell Cook ---- Bartow, Fla.
Charles Edward Hiott -------- Round O
Cleland Blain Player, Jr. ---------- Bishopville
Robert Lawrence Joye ---------- Lamar
Luther Samuel Morris ---------- Olar

Agriculture—Animal Husbandry Major

Earle Joiner Bedenbaugh ---------- Prosperity

Agriculture—Dairy Major

Leonard David Carter -------- Ehrhardt
Clarence Jerome Senn -------- Columbia

Agriculture—Entomology Major

Ralph Bernard Hancock ---------- Ruby
William Ruff Traylor -------- Ridgeway

Agriculture—Horticulture Major

Clarence Allen Major, Jr. ---------- Pahokee, Fla.

Agricultural Engineering

James Hilton Arnette ---------- Conway
Lyman Russell Hammett -------- Gaffney
James Richard Lay -------- Westminster
John Curtis Sharpe ---------- Rock Hill
Stephen Eason Tyson, Jr. ------ Strother
Joseph O'Neal Webster ---------- Loris
Lambert Henry Wilkes ------ Winnsboro

School of Arts and Sciences

Bachelor of Science Degree

Arts and Sciences

Lewis Little Bradham ---------- Sumter
Legare Cato, Jr. ---------- Monetta
Robert Mitchell Drew -------- Ridgeland
Charles Barksdale Pinson, Jr. ---------- Greenwood
‡Edwin Hoffman Rhyne -------- Clemson

General Science

Charles Bennett Lide ---------- Marion
James Bernard Shuler, Jr.--McClellanville

Industrial Physics

‡James Robert Jacques ---------- Ware Shoals

Pre-Medicine

George Charles Finklea -------- Pamplico
James Jervey Ravenel, Jr. ---------- Charleston
William Harvey Hunter ------ Greenville

School of Engineering

Bachelor of Science Degree

Architectural Engineering

Waveland Sinclair FitzSimons, Jr. ------ Charleston

Bachelor of Civil Engineering Degree

†John William Fowler ---------- Gaffney
Wendell Rudolph Gwinn -------- Roebuck
James Lee Ridgill, Jr. -------- Manning
Leon Herbert Shealy ---------- Batesburg
Marion Hartwell Traylor, Jr.---Ridgeway
Robert Lewis Webb--Virginia Beach, Va.

• With Highest Honor
‡ With High Honor
† With Honor

Bachelor of Electrical Engineering Degree

Warren Jacob Bost _____ Spartanburg
Clarence Calvin Cook _____ Prosperity
Vann Joshua Deas, Jr. _____ Rock Hill
Robert Moffatt Millen, Jr. ____ Richburg
†Richard Lee Person __ Greensboro, N. C.
John Gilliam Ross _____ Newberry
Edward Henry Stehmeyer ____ Charleston
William Earl Thrailkill _____ Saluda
Arthur Samuel Trumpore, Jr.___Beaufort
Robert Walling White _____ Greenwood

Bachelor of Mechanical Engineering Degree

George Woodruff Anderson
_____ Gastonia, N. C.
Frederick Arthur Bailey, III
_____ Charleston
McLeod W. Harrelson _____ Georgetown
Harold Abraham Hollembeak __ Greenville
Richard Edward Imershein
_____ Woodmere, N. Y.
Joseph Earle Lee _____ Greenville
Brice Elliott Lytle _____ Fort Mill
Joseph Rhett Reid _____ Sumter
Wallace Whitfield Scott, Jr.____Holly Hill
Milton Clyde Sharpe, Jr. _____ Abbeville
‡Clark Berry Stewart __ Chevy Chase, Md.
William Kenneth Stewart__Savannah, Ga.
Joseph William Turner, Jr.__Albany, Ga.
Richard Michaux White _____ Sumter

School of Textiles

Bachelor of Science Degree

Textile Engineering

Gordon Smedley Davis _____ Greenville
Holmes Walton Fowler _____ Union
Cecil Blair Frick, Jr. _____ Clifton
Charles Harrison Glenn _____ Greer
Robert Frank Hayes, Jr. _____ Chester
Richard Calvin Hendrix _____ Greenville
Harry Burr Iler, Jr. _____ Greenville
Frank Kelly Jones, Jr. _____ Newberry
John Edward Koopman ____ Spartanburg
George William Mozingo, Jr. __ Rock Hill
Broadus Brock Williams _____ Daisy, Tenn.

Textile Manufacturing

Irving Emanuel Abrams _____ Greenville
Howard Hardin Arnold _____ Woodruff
George Ludlow Hodges, Jr. ____ Anderson
John William Kimman, Jr.
_____ Fredericksburg, Va.
Eugene Burton May ____ Asheville, N. C.
Charles Diblin Stradley _____ Greenville
Harry Howell Williams, Jr.__Orangeburg

School of Vocational Education

Bachelor of Science Degree

Vocational Agricultural Education

‡J. T. Black _____ Leesville
William Fred Crowther _____ Due West
Charles Rudolph Dillard _____ Seneca
Edward Benson Earle _____ Central
John William Green _____ Turbeville
Robert Arthur Hall _____ Camden
Jennings Christopher Hollingsworth
_____ Troy
Seth Prior Hunt _____ Fountain Inn
John Albert Lyon _____ Edgefield
Furman Googe O'Neal _____ Fairfax
†Marvin Charles Smith _____ Dudley, Ga.
Harold Lee Snipes _____ Marion
Joseph Pearlie Stevens _____ Conway
Warren Monroe Stuck _____ Pomaria

Education

John Leon Allen _____ Pacolet Mills

Industrial Education

Harold McSwain Ballew _____ Greenville
Ladson Adville Barnes, Jr. ____ Rock Hill
Belton O'Neal Compton _____ Greenwood
Charles Edward Farah _____ Rock Hill
Rexford Carroll Hargrove
_____ Mt. Olive, N. C.
Davis Leroy Reames, Jr. ____ Bishopville

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* With Highest Honor
‡ With High Honor
† With Honor

GRADUATES OF 1948 BY MAJOR COURSES

School of Agriculture	132°°°
Agricultural Economics	8
Agricultural Enigneering	28
Agronomy	36°
Animal Husbandry	22°°
Dairy	15
Entomology	5
Horticulture	18
School of Arts and Sciences	47
Arts and Sciences	18
General Science	10
Industrial Physics	4
Pre-Medicine	15
School of Chemistry	13†
Chemistry	13†
School of Engineering	187†
Architectural Engineering	2
Architecture	11
Chemical Enigneering	4†
Chemistry-Engineering	4
Civil Engineering	34
Electrical Engineering	57
Mechanical Engineering	75
School of Textiles	117#
Textile Chemistry	8
Textile Engineering	100#
Textile Manufacturing	9#
School of Vocational Education	66°°°
Vocational Agricultural Education	49°°°
Education	2
Industrial Education	15
Total Graduates of 1948	557

°Includes one student who was graduated in both Agronomy and Vocational Agricultural Education.

°°Includes one student who was graduated in both Animal Husbandry and Vocational Agricultural Education.

°°°Includes two students who were graduated; one in Agronomy and Vocational Agricultural Education, the other in Animal Husbandry and Vocational Agricultural Education.

†Includes two students who were graduated in both Chemistry and Chemical Engineering.

#Includes one student who was graduated in both Textile Engineering and Textile Manufacturing.

TOTAL GRADUATES BY MAJOR COURSES

1896 – 1948

Major Course	*Total*
Agriculture	244
Agriculture and Animal Industry	80
Agriculture and Chemistry	69
Agricultural Chemistry	99
Agricultural Economics	137
Agricultural Education	197
Agricultural Engineering	141
Agronomy	499
Animal Husbandry	265
Architectural Engineering	11
Architecture	217
Arts and Sciences	159
Bachelor of Science	3
Botany	11
Chemical Engineering	50
Chemistry	224
Chemistry and Geology	11
Chemistry-Engineering	43
Civil Engineering	644
Dairy	222
Education	22
Electrical Engineering	714
Engineering Industrial Education	70
Entomology	115
Forestry	8
General Science	357
Horticulture	289
Industrial Education	115
Industrial Physics	8
Mechanical Engineering	513
Mechanical and Electrical Engineering	489
Pre-Medicine	92
Soils	9
Textile Chemistry	159
Textile Engineering	815
Textile Industrial Education	85
Textile Manufacturing	8
Veterinary Science	16
Vocational Agricultural Education	454
Weaving and Designing	42

Double Majors

Agricultural Chemistry and Arts and Sciences	1
Agricultural Chemistry and General Science	1
Agricultural Economics and Animal Husbandry	1
Agricultural Economics and Vocational Agricultural Education	1
Agronomy and Vocational Agricultural Education	1
Animal Husbandry and Vocational Agricultural Education	3
Animal Husbandry and Agricultural Education	3
Animal Husbandry and Dairy	2
Architecture and Architectural Engineering	9
Arts and Sciences and Agricultural Economics	1
Chemical Engineering and Chemistry and Chemistry-Engineering	2
Chemical Engineering and Chemistry-Engineering	1
Chemistry and Chemical Engineering	1
Chemistry and Chemistry-Engineering	1
Chemistry and General Science	1
Chemistry and Industrial Physics	1
Chemistry and Agricultural Chemistry	1
Civil Engineering and Chemistry and Geology	2
Electrical Engineering and Mechanical Engineering	16
General Science and Education	1
General Science and Electrical Engineering	1
Horticulture and Agronomy	1
Pre-Medicine and Textile Chemistry	1
Textile Engineering and Mechanical and Electrical Engineering	1
Textile Engineering and Textile Industrial Education	1
Textile Engineering and Textile Manufacturing	1
Textile Engineering and Weaving and Designing	1
Total Graduates from 1896 through 1948	7763

LIST OF STUDENTS, 1948 SUMMER TERM

The names are arranged in alphabetical order and following the names are symbols indicating classes and courses. The classification of undergraduates is indicated by numerals as follows: 1—Freshman, 2—Sophomore, 3—Junior, 4—Senior.

The abbreviations following the numerals refer to the student's major course: A-Agriculture (unclassified as to major course), Ag Ec-Agricultural Economics, Agron-Agronomy, AH-Animal Husbandry, Bot-Botany, Dairy-Dairy, Ent-Entomology, Hort-Horticulture, Poul-Poultry, Ag-En-Agricultural Engineering, Pre-For-Pre-Forestry; A&S-Arts and Sciences, GS-General Science, Ind Phys-Industrial Physics, Pre-Med-Pre-Medicine; Chem-Chemistry; E-Engineering (unclassified as to major course, but the abbreviation following the "E" indicates a preliminary choice of major course), Arch-Architecture, Ar En-Architectural Engineering, Ch En-Chemical Engineering, Ch-En-Chemistry-Engineering, CE-Civil Engineering, EE-Electrical Engineering, ME-Mechanical Engineering; T-Textiles (unclassified as to major course, but the abbreviation following the "T" indicates a preliminary choice of major course), TC-Textile Chemistry, TE-Textile Engineering, TM-Textile Manufacturing; VAE-Vocational Agricultural Education, Ed-Education, Ind Ed-Industrial Education.

New students admitted in June, 1948, are indicated by an asterisk (*).

Name and Course	Address
Abrams, A. E. (3 TM)	Ware Shoals
Abrams, I. E. (4 TM)	Spartanburg
Ackerman, C. L. (2 ME)	St. George
Ackerman, R. E. (3 Pre-Med)	Moncks Corner
Adams, I. J. (2 A-AH)*	Kershaw
Adams, L. G. (4 Ind Phys)	Seneca
Aguilar, J. E. (3 TM)	Alajuela, C. R.
Aiken, D. A. (3 TM)	Winnsboro
Akers, D. J. (2 A-Hort)	Carrollton, Ky.
Aldous, G. C. (2 EE)	Naval Base
Alexander, B. M. (2 TM)	Lyman
Alexander, J. F. (4 Ag Ec)	Anderson
Alexander, M. C. (2 Chem)	Walhalla
Alford, W. E. (1 Pre-For)	Charleston
Allen, G. A. (4 Agron)	Franklin, Tenn.
Allen, J. L. (PG Ed)	Pacolet Mills
Allen, O. L. (3 CE)	Walhalla
Ameen, W. O. (3 Ar En)	Winnsboro
Anderson, B. R. (4 VAE)	Timmonsville
Anderson, C. P. (3 TM)	Lexington, N. C.
Anderson, G. W. (4 ME)	Gastonia, N. C.
Anderson, J. R. (3 TM)	Elmhurst, Ill.
Anderson, L. P. (3 Agron)	Nichols
Andrea, F. W. (3 CE)	Greer
Archer, C. L. (3 GS)	Anderson
Armstrong, L. W. (3 TC)	Charleston
Arnette, J. H. (4 Ag En)	Conway
Arnette, W. J. (3 TM)	Winnsboro
Arnold, H. H. (4 TM)	Woodruff
Arnold, T. R. (1 Arch)	Anderson
Asbury, R. R. (2 TE)	Taylors
Ashley, G. H. (4 TE)	Ware Shoals
Ashley, R. H. (2 TM)	Iva
Ashley, W. E. (4 TM)	Donalds
Ashley, W. M. (3 TM)	Anderson
Ashley, W. T. (2 Pre-Med)	Pikeville, Ky.
Askins, S. E. (2 Ch En)	Kingstree
Atkins, W. G. (3 TM)	Anderson
Atkins, W. R. (2 A)	Hamer
Attaway, J. M. (2 Pre-Med)	Beaufort
Auld, I. D. (1 VAE)	Mt. Pleasant
Austin, J. N. (4 ME)	Laurens
Baggott, B. H. (3 ME)	Columbia
Bagwell, H. B. (3 ME)	Spartanburg
Bailey, B. D. (3 EE)	Heath Springs
Bailey, F. A. (4 ME)	Charleston
Bailey, G. T. (3 TE)	Greenville
Bailey, R. B. (S TE)	Columbia
Bailey, T. W. (2 CE)	Summerville
Baird, R. L. (4 Agron)	Darlington
Baker, E. R. (3 ME)	Great Falls
Baker, P. E. (PG TM)	Whitmire
Baldwin, C. M. (2 CE)	Georgetown
Ball, W. L. (4 EE)	Laurens
Ballenger, R. D. (2 TM)	Charlotte, N. C.
Ballenger, S. B. (3 TM)	Charlotte, N. C.
Ballentine, W. W. (3 Ag En)	Blythewood
Ballew, H. M. (4 Ind Ed)	Greenville
Ballew, W. C. (3 TM)	Easley
Ballinger, W. H. (2 TM)*	Atlanta, Ga.
Barfield, W. M. (2 A-AH)	Sumter
Barker, H. V. (2 ME)	Seneca
Barnes, D. E. (3 EE)	Brevard, N. C.
Barnes, G. T. (4 A&S)	Savannah, Ga.
Barnes, L. A. (4 Ind Ed)	Rock Hill
Barnes, R. E. (2 TM)	Rutherfordton, N. C.
Barnett, E. W. (3 TM)	Great Falls
Barnett, J. E. (4 Pre-Med)	Marietta
Barnwell, C. S. (4 TE)	Macon, Ga.
Barrett, C. M. (4 TC)	Lancaster
Bartlett, F. O. (1 E-Ch En)	Spartanburg
Barton, E. B. (4 EE)	Winnsboro
Bates, B. L. (3 CE)	Spartanburg
Bates, E. (4 TM)	Rock Hill
Batson, H. G. (1 T-TM)	Laurens
Beatty, C. H. (3 EE)	Dunbarton
Beaty, F. E. (3 ME)	Charleston
Bedenbaugh, E. J. (4 AH)	Prosperity
Bedenbaugh, P. H. (4 VAE)	Leesville
Behling, R. B. (2 EE)	St. George
Bell, J. D. (3 TE)	Navy Yard
Bell, R. (3 Ag En)	Hartsville
Benton, O. F. (3 TM)	Eufaula, Ala.
Berly, J. C. (4 EE)	Pomaria
Berry, E. B. (S)	Anderson
Bevis, J. H. (3 TE)	Charleston
Bianchi, C. A. (4 Ind Ed)	Blythewood
Bird, L. S. (PG)	Greenville

Name and Course	Address
Bisher, E. P. (4 Ch En)	Kingston, Pa.
Bishop, B. C. (3 EE)	Greenwood
Black, H. N. (4 Ag En)	Ruffin
Black, J. B. (4 TM)	Honea Path
Black, J. T. (4 VAE)	Leesville
Black, R. S. (1 E-ME)	Columbia
Blackwell, H. D. (3 Ar En)	Newry
Blackwell, J. B. (1 E-Ag En)	Landrum
Bland, J. P. (3 A&S)	Johnston
Blankenship, C. P. (4 Ag Ec)	Fort Mill
Bloxham, A. W. (3 TC)	Lyman
Blythe, J. W. (3 ME)	Pelzer
Bobo, T. P. (3 EE)	Greenville
Bodie, A. B. (3 EE)	Greenville
Bodie, W. G. (4 EE)	Wagener
Bonds, R. S. (4 TE)	Georgetown
Boroni, H. L. (3 A&S)	Brooklyn, N. Y.
Boshears, J. F. (2 CE)	Tiptonville, Tenn.
Bost, W. J. (4 EE)	Spartanburg
Boston, R. S. (3 ME)	Columbia
Bouknight, J. E. (4 EE)	Newberry
Boulware, M. D. (1 A-AH)*	Anderson
Bowen, R. A. (1 E-TE)	Belton
Bowen, R. R. (2 TE)	Greenville
Bower, H. W. (1 E-ME)	Amsterdam, N. Y.
Boyd, H. S. (2 TM)	Laurens
Boyd, W. B. (4 ME)	Greenville
Boykin, J. D. (3 A&S)	Georgetown
Boylston, R. E. (3 TM)	Charleston
Brackett, G. D. (3 TE)	Rock Hill
Bradfield, J. W. (3 CE)	Charlotte, N. C.
Bradford, J. A. (4 TM)	Anderson
Bradham, F. L. (1 A-Agron)	Sumter
Bradham, L. L. (4 A&S)	Sumter
Brennecke, H. J. (1 E-ME)*	Walhalla
Bridwell, M. N. (3 TM)	Greenville
Brisendine, R. S. (3 TE)	East Point, Ga.
Brockman, E. D. (3 Ch En)	Greenville
Brogdon, J. T. (1 E-Ag En)	Manning
Brooks, J. P. (1 E-ME)	Charleston
Brooks, T. F. (3 A&S)	Timmonsville
Brown, B. W. (3 ME)	Starr
Brown, C. G. (3 Dairy)	Anderson
Brown, C. S. (2 A&S)	Westminster
Brown, F. N. (2 A&S)	Greenville
Brown, W. M. (3 TM)	Greenville
Bruce, A. C. (4 CE)	Seneca
Brumley, J. E. (2 TM)	Greenville
Brunson, E. M. (4 Arch)	Estill
Brunson, J. W. (1 A-AH)	Sumter
Brutcher, C. K. (2 Pre-Med)	Savannah, Ga.
Bryant, H. O. (1 E-EE)	Liberty
Buchman, D. I. (4 Ind Phys)	New York, N. Y.
Bull, J. P. (3 Ag En)	Santee
Burch, M. B. (1 E-EE)	Florence
Busby, A. F. (2 A-Dairy)	Anderson
Bussey, J. C. (1 E-EE)	Hagood
Byrd, J. A. (3 TM)	Greenville
Caldwell, V. B. (4 CE)	Blacksburg
Cameron, F. B. (3 TM)	Greenville
Campbell, R. D. (4 CE)	Spartanburg
Campbell, Wallace L. (2 TM)	Edgefield
Campbell, William L. (2 TM)	Greenville
Canfield, J. F. (3 Ag En)	Greenwood
Cantrell, J. L. (3 TM)	Fort Mill
Capelle, C. D. (3 EE)	Clemson
Cappeller, J. A. (3 EE)*	Chicago, Ill.
Cappelmann, F. J. (4 EE)	Beaufort
Carraway, A. J. (4 EE)	Timmonsville
Carroll, C. W. (4 EE)	Navy Yard
Carter, G. R. (1 E-TE)	Anderson
Carter, L. D. (4 Dairy)	Ehrhardt
Carter, W. C. (3 VAE)	Catawba
Cates, J. W. (2 ME)	Seneca

Name and Course	Address
Cato, L. (4 A&S)	Monetta
Cauthen, V. W. (4 EE)	Greenville
Cecil, O. K. (3 Ar En)	Spartanburg
Chalker, A. L. (3 ME)	South Orange, N. J.
Chalker, D. F. (4 CE)	South Orange, N. J.
Chalmers, C. M. (2 TM)	Greenwood
Chalmers, J. W. (3 TM)	Greenwood
Chamness, E. (3 Ag En)	Bennettsville
Chamness, W. B. (2 Ar En)	Bennettsville
Champion, J. C. (4 ME)	Shelby, N. C.
Chapman, W. R. (3 Pre-Med)	Inman
Chappell, H. W. (4 TE)	Cartersville, Ga.
Chastain, J. D. (2 VAE)	Taylors
Childers, W. J. (4 TM)	York
Chovan, T. M. (3 EE)	Bethlehem, Pa.
Christopher, J. A. (1 E-Ag En)	Landrum
Clanton, J. C. (1 Pre-Med)	Charlotte, N. C.
Clardy, J. E. (4 VAE)	Wampee
Clardy, W. W. (3 Arch)	Arlington, Va.
Clark, B. D. (4 VAE)	Johnston
Clark, J. F. (4 TM)	Walhalla
Clark, L. S. (2 A-AH)	Johnston
Clark, M. A. (1 T-TM)	Hartsville
Clarkin, J. R. (2 Arch)	Charleston
Clayton, L. A. (2 TM)	Greer
Clegg, J. M. (4 Hort)	Ridgeland
Cochran, W. R. (3 Ind Ed)	Seneca
Cochran, W. T. (2 TE)	Greenville
Coker, F. T. (4 TM)	Columbia
Coleman, A. J. (4 CE)	Saluda
Collins, W. J. (1 E-TE)	Westminster
Compton, B. O. (4 Ind Ed)	Greenwood
Conn, J. R. (3 TE)	Woodruff
Connelly, G. W. (3 EE)	Newberry
Connor, T. M. (4 Ag En & CE)	Bowman
Cook, C. C. (4 EE)	Prosperity
Cook, L. H. (3 Ind Phys)	Bishopville
Cook, W. H. (4 Agron)	Bartow, Fla.
Cooper, J. W. (4 ME)	Spartanburg
Corey, H. S. (3 Ind Phys)	Asheville, N. C.
Corley, E. J. (3 TE)	Ninety Six
Corn, J. P. (3 VAE)	Greenville
Cornwell, M. M. (3 ME)	Fort Myers, Fla.
Cothran, E. E. (2 TM)	Sandy Springs
Cothran, J. B. (3 TM)	Sandy Springs
Cothran, O. R. (2 VAE)	Pickens
Courtney, R. O. (2 CE)	Johnston
Cousins, W. R. (3 ME)	Newberry
Cowan, D. E. (3 TM)	Abbeville
Cox, A. B. (1 T-TM)	Denmark
Cox, G. H. (2 EE)	Easley
Cox, J. F. (3 TE)	Marion
Coyle, H. B. (4 TE)	Gaffney
Crane, W. T. (2 EE)	Savannah, Ga.
Crapse, H. M. (2 ME)	Estill
Crawford, C. M. (4 Chem)	Greenville
Crawford, H. O. (4 Ag Ec)	Clemson
Crawford, J. H. (3 Hort)	Clemson
Creech, H. L. (2 A-Dairy & Poul)	Olar
Crenshaw, C. L. (4 Ag Ec)	Pendleton
Crosland, L. K. (2 Pre-Med)	Bennettsville
Cross, D. E. (4 EE)	Georgetown
Crump, E. L. (2 ME)	Newberry
Cureton, F. M. (2 TM)	Union
Cureton, J. C. (2 TM)	Clemson
Curry, J. M. (2 A-Agron)	Gray Court
Dalton, A. A. (4 ME)	Seneca
Dalton, J. A. (4 A&S)	Seneca
Dameron, R. M. (1 E-Ch En)	Greenville
Daniel, H. G. (3 Ch En)	Charlotte, N. C.
Daniel, J. D. (3 VAE)	Lake City
Darlington, S. P. (4 ME)	Mount Pleasant
Davenport, J. A. (2 ME)	Germantown, Tenn.
Davenport, R. E. (4 A&S)	Williamston

Name and Course	Address
Davis, C. E. (2 TM)	Greenwood
Davis, D. L. (2 Chem)	Greer
Davis, E. L. (4 TM)	Pelzer
Davis, G. S. (4 TE)	Greenville
Davis, H. C. (1 E-EE)	Camden
Davis, J. M. (3 VAE)	Norway
Davis, L. R. (3 CE)	Chicago, Ill.
Davis, M. V. (3 ME)	Wedgefield
Davis, V. G. (4 EE)	Greer
Davis, W. L. (4 ME)	Easley
Deas, V. J. (4 EE)	Rock Hill
Deason, F. P. (2 TM)	McCormick
Delk, W. S. (1 T-TM)	Greenville
DeLoach, R. L. (3 ME)	Beaufort
DesChamps, W. P. (4 CE)	Bishopville
Deviney, W. E. (2 A-Ag Ec)*	Rutherfordton, N. C.
Devlin, G. M. (3 ME)	Greenwood
Diamond, G. (2 TM)*	Taunton, Mass.
Dilfield, R. E. (3 Ar En)	Newport News, Va.
Dillard, C. R. (4 VAE)	Seneca
Di Marzo, J. M. (2 CE)	West Orange, N. J.
Dobson, C. S. (1 E-EE)	Greenville
Dobson, J. W. (3 Agron)	Central
Donegan, T. D. (3 A&S)	Woodruff
Donkle, I. L. (4 TM)	Greenville
Dorn, M. D. (3 EE)	Greenwood
Dowis, W. S. (3 Arch)	Spartanburg
Drew, R. M. (4 A&S)	Ridgeland
Duckworth, R. J. (3 TM)	Westminster
DuCom, E. L. (1 E-ME)	Sumter
Dugan, J. D. (3 ME)	Easley
Dukes, D. E. (3 Ind Ed)	Orangeburg
Dukes, W. F. (3 Pre-Med)	Branchville
Dunaway, T. W. (4 Chem)	Thomaston, Ga.
Duncan, B. A. (2 TM)	Six Mile
Duncan, W. F. (2 Arch)	Greer
Dunlap, H. L. (4 ME)	Rock Hill
Dunn, J. C. (2 TE)	Central
Dusenberry, F. C. (3 TM)	Donalds
Duvall, R. W. (2 Chem)	Cheraw
Dyer, C. A. (4 TC)	Charleston
Earle, E. B. (4 VAE)	Central
Earle, H. U. (3 TE)	Walhalla
Earnhardt, M. M. (4 Ch En)	Kannapolis, N. C.
Eason, H. L. (1 A-AH)	Sumter
Easterby, H. A. (1 E-EE)	Charleston
Eberhart, H. C. (3 ME)	Anderson
Edney, E. P. (3 Ar En)	Charleston
Edwards, D. C. (4 ME)	Fountain Inn
Edwards, L. L. (3 Ag En)	Marion
Elliott, W. H. (2 A-AH)	Summerville
Ellison, R. C. (3 TC)	Lancaster
Ellison, W. R. (2 EE)	Anderson
Elmore, G. F. (3 Hort)	Greer
Emerson, J. H. (3 TC)	Atlanta, Ga.
Enloe, W. P. (4 TM)	Roanoke, Ala.
Epps, S. (4 TM)	Fort Mill
Epting, J. F. (3 EE)	Charleston
Erkes, G. R. (4 TM)	Rock Hill
Ervin, S. F. (2 A)	Florence
Eskridge, K. C. (2 Pre-Med)	Cheraw
Eskridge, W. (3 CE)	Cheraw
Estes, B. G. (1 T-TC)	Ware Shoals
Estes, S. R. (2 A-Hort)	Greenville
Eubanks, L. (4 TM)	Graniteville
Eubanks, W. S. (2 A)	Blackville
Evans, J. R. (3 ME)	Anderson
Evans, W. C. (2 TM)	Clemson
Eve, P. F. (2 EE)	Beaufort
Faile, B. M. (3 VAE)	Kershaw
Fairey, T. B. (3 EE)	Orangeburg
Fanning, M. H. (3 VAE)	Newberry
Farah, C. E. (4 Ind Ed)	Whitmire
Farris, W. E. (3 EE)	Rock Hill
Fendley, J. E. (3 TM)	Westminster
Fennell, J. E. (3 EE)	Hardeeville
Ferguson, T. M. (3 A&S)	York
Fields, L. J. (4 VAE)	Lamar
Finklea, G. C. (4 Pre-Med)	Pamplico
Finley, G. L. (3 EE)	Anderson
FitzSimons, F. L. (3 Ag En)	Hendersonville, N. C.
FitzSimons, W. S. (PG Ar En)	Charleston
Fleisher, B. (1 T-TM)*	Waterbury, Conn.
Florence, O. G. (3 ME)	Wrens, Ga.
Floyd, P. R. (4 CE)	Greenville
Foard, W. W. (4 ME)	Marion
Folk, E. W. (1 E-Ch En)*	Simpsonville
Fooshe, W. K. (2 TM)	Hodges
Foster, Harold B. (1 A-Hort)	Chesnee
Foster, Hugh B. (4 TM)	Spartanburg
Foster, P. F. (4 TM)	Fountain Inn
Foster, R. R. (3 VAE)	Chesnee
Fowler, H. W. (4 TE)	Union
Fowler, J. W. (4 CE)	Gaffney
Fowler, R. D. (3 TM)	Anderson
Fowler, W. C. (3 Ar En)	Columbia
Fox, W. I. (4 Ch En)	Anderson
Foy, H. B. (3 Arch)	Waynesville, N. C.
Fraissor, J. (1 E-EE)	Whitmire
Fraser, W. T. (4 TM)	Greenville
Frick, C. B. (4 TE)	Clifton
Frick, W. H. (4 TM)	Newberry
Frierson, J. L. (2 A-Hort)	Westminster
Fripp, W. E. (3 Ar En)	Florence
Fulmer, J. S. (1 T-TC)	Greenville
Funchess, M. D. (3 Ag En)	Rowesville
Furr, E. F. (2 Pre-Med)	Rock Hill
Gaddy, J. D. (3 TM)	McColl
Gage, R. (3 TM)	Anderson
Gailey, C. W. (2 TM)	Anderson
Gaillard, J. W. (2 TM)	Walhalla
Gainer, C. E. (3 Ind Ed)	Lancaster
Gaines, H. P. (3 TM)	Honea Path
Gaines, J. C. (1 E-ME)	Liberty
Gaines, J. O. (2 A)	Townville
Gaines, J. R. (3 TM)	Liberty
Gaines, W. A. (4 ME)	Central
Gambrell, C. B. (4 ME)	Birmingham, Ala.
Gambrell, H. L. (2 TM)	Pendleton
Garren, C. H. (2 TM)	Calhoun, Ga.
Garrett, J. L. (4 TM)	Belton
Garrett, J. P. (3 A&S)	Greenville
Garrison, E. W. (1 T-TM)	Sandy Springs
Garvin, P. M. (4 Ag En)	Greenwood
Gatlin, K. A. (2 A&S)	Newberry
Gaulden, D. H. (4 CE)	Rock Hill
Geddings, S. B. (4 EE)	Wedgefield
Genet, G. T. P. (2 TM)	Georgetown
Gentry, T. H. (3 VAE)	Summerton
Gerrald, J. E. (1 Pre-Med)	Galivants Ferry
Gerritsen, B. H. (3 Chem)	Anderson
Ghant, W. B. (1 Pre-Med)	Lancaster
Gibbons, L. W. (3 VAE)	Turbeville
Giddings, M. E. (3 CE)	Greenwood
Gill, W. P. (4 TM)	Rock Hill
Gillespie, J. F. (2 CE)	Montgomery, Ala.
Gilliam, J. W. (4 AH)	Abbeville
Gilmore, W. F. (3 Ind Ed)	Santuck
Ginn, J. W. (3 AH)	Charleston
Ginter, W. C. (4 EE)	Charlotte, N. C.
Glenn, C. H. (4 TE)	Greer
Godwin, C. V. (4 CE)	Sumter
Godwin, W. Y. (4 Ag En)	Summerton
Goff, A. L. (3 VAE)	Saluda
Gooch, F. M. (2 Ar En)	Spartanburg
Goodman, J. S. (4 CE)	Clemson

Name and Course	Address
Gordon, J. W. (4 EE)	Willard, Ohio
Goudelock, W. J. (3 Pre-Med)	Cateechee
Graham, W. H. (3 VAE)	Anderson
Gramling, C. S. (3 EE)	Orangeburg
Green, E. H. (3 VAE)	Dyersburg, Tenn.
Green, F. H. (3 EE)	Griffin, Ga.
Green, H. T. (1 T-TM)	Manning
Green, J. W. (4 VAE)	Turbeville
Greer, F. (2 ME)	Duncan
Greer, J. M. (1 VAE)	Westminster
Gregory, J. T. (3 A&S)	Union
Gregory, W. C. (4 Arch)	Chesnee
Gressette, W. C. (2 TM)	Florence
Griggs, G. W. (3 TM)	Society Hill
Grist, W. L. (2 TM)	York
Grubbs, R. J. (2 CE)	Westminster
Gulledge, C. N. (4 VAE)	Mount Croghan
Gulledge, J. M. (3 AH)	Callison
Gwinn, W. R. (4 CE)	Roebuck
Haddon, C. J. (3 TM)	Abbeville
Haddon, F. M. (1 T-TM)	Anderson
Haddon, H. A. (1 E-TE)	Rock Hill
Hadsock, H. S. (1 Arch)	McCormick
Hagins, L. E. (1 Arch)	Lancaster
Hall, J. M. (1 A-Agron)	Camden
Hall, R. A. (4 VAE)	Camden
Hall, S. E. (2 EE)	Turtletown, Tenn.
Hall, T. C. (2 VAE)	Mount Ulla, N. C.
Haltiwanger, W. L. (PG Agron)	Little Mountain
Hamilton, J. E. (2 CE)	Graniteville
Hamilton, L. C. (3 Hort)	Easley
Hammett, J. M. (3 Ag En)	Gaffney
Hammett, L. R. (4 Ag En)	Gaffney
Hammett, R. H. (4 TM)	Walhalla
Hammond, A. F. (3 EE)	Florence
Hammond, J. C. (3 VAE)	Aiken
Hamrick, R. Y. (3 TE)	Boiling Springs, N. C.
Hancock, A. B. (2 TM)	Ruby
Hancock, Harold (1 VAE)	Ruby
Hancock, Harris (1 VAE)	Ruby
Hancock, R. B. (4 Ent)	Ruby
Hannah, G. R. (2 A-AH)	Columbia
Hanvey, R. E. (4 Ag En)	McCormick
Harden, M. L. (2 TM)	Walhalla
Hardin, F. L. (3 A&S)	Chester
Hardwick, J. H. (2 VAE)	Conway
Hare, J. F. (1 E-ME)*	Lake Wales, Fla.
Hargrove, R. C. (4 Ind Ed)	Mount Olive, N. C.
Harley, J. P. (2 A-Hort)	Trenton
Harper, J. M. (3 CE)	Greenville
Harrelson, M. W. (4 ME)	Georgetown
Harrill, B. H. (3 ME)	Bennettsville
Harris, M. D. (4 ME)	Camden
Harrison, A. C. (3 TM)	Spartanburg
Harrison, J. A. (2 ME)	Clemson
Harrison, J. P. (3 TE)	Troy
Harrison, M. M. (3 VAE)	Pelzer
Hart, E. C. (1 VAE)	Darlington
Hart, F. M. (3 VAE)	Union
Hart, J. C. (3 Dairy)	Greenville
Hart, J. D. (3 EE)	Kelton
Hart, R. M. (3 ME)	Tournapull, Ga.
Harter, R. L. (1 VAE)	Fairfax
Hasek, W. J. J. (2 Chem)	Carteret, N. J.
Haselden, F. O. (3 Ag En)	Scranton
Hawthorne, R. F. (4 TE)	Due West
Hayes, R. F. (4 TE)	Chester
Haynes, G. C. (3 CE)	Cliffside, N. C.
Haynie, H. A. (3 TM)	Anderson
Head, C. M. (3 CE)	Greenville
Healan, R. W. (3 CE)	Rock Hill
Hedgepath, H. D. (2 Ar En)	Columbia
Helms, J. C. (2 VAE)*	Marshville, N. C.
Helms, W. E. (2 Ar En)	Molino, Fla.
Hemminger, J. M. (4 A&S)	Willington
Hendrix, R. C. (4 TE)	Greenville
Heniford, D. O. (2 Ag En)	Loris
Henke, R. A. (2 ME)	Rye, N. Y.
Herber, H. H. (4 ME)	Bethlehem, Pa.
Herbert, A. M. (3 ME)	Piedmont
Herd, L. O. (3 TM)	Piedmont
Heyd, R. L. (3 EE)	New York, N. Y.
Hickerson, J. G. (4 A&S)	Greensboro, N. C.
Hicks, J. F. (4 Ag En)	York
Hildebrand, E. J. (2 ME)	Washington, D. C.
Hill, C. E. (1 T-TM)	Greenville
Hill, J. D. (3 ME)	Sanford, N. C.
Hilton, A. W. (2 VAE)	Kershaw
Hindman, C. C. (4 EE)	Greenville
Hinson, J. F. (1 E-ME)	Lynchburg
Hiott, C. E. (4 Agron)	Round O
Hodge, C. R. (3 Ent)	Alcolu
Hodges, G. L. (4 TM)	Anderson
Hodges, W. A. (2 A&S)	Mullins
Hoffmann, R. C. (2 TM)*	Greenville
Hoffmann, R. M. (3 Pre-Med)	Fountain Inn
Hogan, C. S. (3 EE)	North Augusta
Holcombe, C. W. (3 TE)	Greenville
Holcombe, W. G. (4 ME)	Greenville
Holder, R. (3 Hort)	Union
Holladay, C. H. (3 Ind Ed)	Sumter
Holland, G. H. (3 AH)	Fountain Inn
Hollembeak, H. A. (4 ME)	Greenville
Hollingsworth, J. C. (4 VAE)	Troy
Hollis, C. E. (2 TM)	Central
Hollis, N. M. (3 TM)	Rock Hill
Honeycutt, R. G. (2 TC)	Marion, N. C.
Hood, R. W. (3 EE)	Greenville
Horton, E. M. (3 ME)	Spartanburg
Howard, A. M. (3 ME)	Greenville
Howard, C. C. (3 VAE)	Pickens
Howard, H. E. (1 E-ME)	Charleston
Howell, C. C. (4 A&S)	Troy, N. C.
Howell, J. I. (2 Pre-Med)	Spartanburg
Hucks, C. B. (3 EE)	Savannah, Ga.
Hucks, E. (3 VAE)	Aynor
Hudson, D. J. (3 Ar En)	Greenville
Hudson, P. B. (3 TM)	West Union
Hudson, R. W. (3 EE)	Sumter
Huffman, S. J. (1 E-EE)	Charleston
Hughes, R. A. 2 EE)	Hartsville
Huiet, G. E. (4 Ar En & Hort)	Trenton
Hull, P. D. (4 Ind Ed)	Westminster
Humphries, W. B. (4 A&S)	Gaffney
Hunnicutt, J. A. (4 Ar En)	Greenville
Hunnicutt, W. C. (1 T-TM)	Anderson
Hunt, S. P. (4 VAE)	Fountain Inn
Hunter, J. E. (4 EE)	Columbia
Hunter, J. T. (4 A&S)	Marion
Hunter, W. H. (4 Pre-Med)	Greenville
Hurley, R. C. (2 TM)	Greenville
Hutchings, J. M. (4 EE)	Norwood, Ohio
Iler, H. B. (4 TE)	Greenville
Imershein, R. E. (4 ME)	Woodmere, N. Y.
Inabinet, J. W. (4 Arch)	Bowman
Ingram, C. H. (4 ME)	Hartsville
Irwin, W. R. (3 ME)	Spartanburg
Ivester, J. R. (4 Pre-Med)	Walhalla
Ivey, S. A. (4 A&S)	Downers Grove, Ill.
Ix, F. W. (4 TM)	Charlottesville, Va.
Ix, J. A. (2 TM)	Charlottesville, Va.
Jack, G. B. (2 ME)	South Salem, N. Y.
Jackson, J. M. (3 ME)	Rock Hill
Jackson, J. P. (4 Agron)	Sumter
Jackson, R. S. (3 VAE)	Manning
Jacques, J. R. (4 Ind Phys)	Ware Shoals
James, J. J. (3 TM)	Pendleton

Name and Course	Address
James, L. W. (4 Agron)	Anderson
Jameson, D. M. (4 Ag En)	Greenville
Jeffords, C. R. (1 E-ME)	Atlanta, Ga.
Jeffords, L. G. (3 Ag En)	Timmonsville
Jeffords, T. H. (1 A-Agron)	Florence
Jeffords, W. I. (4 EE)	Florence
Jenkins, D. M. (4 EE)	Union
Jenkins, L. M. (3 Ch En)	Kline
Jenkins, M. C. (3 Agron)	Allendale
Jenkins, W. H. (4 Agron)	Kline
Jester, A. H. (4 EE)	Greenwood
Johnson, C. L. (2 Arch)	Sumter
Johnson, D. L. (4 VAE)	Windsor
Johnson, H. J. (1 E-EE)	Darlington
Johnson, J. A. (3 TM)	Warrenville
Johnson, J. E. (2 ME)	Reidsville, N. C.
Johnson, J. R. (4 TM)	Greenville
Johnson, R. A. (4 ME)	Pelzer
Jones, C. R. (SG ME)	Ashton
Jones, D. C. (4 CE)	Barnwell
Jones, D. M. (1 A-Agron)	Glenn Springs
Jones, E. D. (2 TM)	Greer
Jones, E. H. (3 Ind Ed)	Great Falls
Jones, F. K. (4 TE)	Newberry
Jones, G. R. (2 Pre-Med)	Buffalo
Jones, O. B. (3 EE)	Greenville
Jones, T. O. (2 TE)	Newberry
Josey, W. E. (3 TE)	Anderson
Joye, R. L. (4 Agron)	Lamar
Joyner, R. S. (4 VAE)	Ward
Justice, W. G. (1 E-ME)	Spartanburg
Karst, W. B. (2 ME)*	Greenville
Kay, F. F. (3 Ar En)	Charlotte, N. C.
Keasler, B. M. (3 TC)	Westminster
Kelly, C. R. (3 Arch)	Charleston
Kelly, Z. K. (3 TM)	Pelzer
Kelsey, W. B. (3 TC)	Chester
Kennedy, H. R. (4 TM)	Union
Kennemore, C. M. (3 A&S)	Easley
Kennette, G. L. (1 T-TM)	Wellford
Kilgo, R. A. (4 Ar En)	Laurens
Kimman, J. W. (4 TM)	Fredericksburg, Va.
Kinard, J. A. (3 EE)	North Charleston
King, E. L. (3 AH)	Chesterfield
King, I. D. (3 CE)	Gray Court
King, J. H. (3 Pre-Med)	Loris
King, L. O. (1 Ar En)	Anderson
Kitchen, A. B. (4 ME)	Augusta, Ga.
Kizer, L. E. (2 A-Agron)	Florence
Knight, E. L. (3 Ag Ec)	Andrews
Knight, J. C. (2 EE)	Summerville
Knight, L. A. (2 TM)	Greenville
Koehler, K. B. (4 Arch)	Louisville, Ky.
Koopman, J. E. (4 TE)	Spartanburg
Lacey, J. R. (3 VAE)	Ravenel
Lachicotte, W. F. (2 A-AH)	Pawleys Island
Lake, W. H. (4 ME)	Walhalla
Lamar, L. H. (3 ME)	Augusta, Ga.
Lancaster, F. L. (3 ME)	Port Royal
Landgraf, L. P. (4 CE)	Panama, City, Fla.
Laney, J. W. (4 Agron)	Bennettsville
Lanford, R. F. (4 CE)	Woodruff
Langford, J. W. (4 A&S)	Ridgeland
Langford, T. H. (2 Ed)	Savannah, Ga.
Langley, J. F. (2 Ar En)	Conway
Langston, C. E. (4 VAE)	Timmonsville
Langston, C. L. (2 TM)	Darlington
Langston, S. C. (2 A&S)	Florence
Lark, H. J. (3 EE)	Easley
Lark, R. E. (2 TM)*	Pickens
Latham, W. F. (3 TM)	Iva
Lathan, C. H. (3 VAE)	Lowrys
Latto, E. S. (4 ME)	Charleston
Laughlin, G. W. (3 EE)	Florence
Laughlin, R. C. (3 TM)	Florence
Lawson, R. W. (2 TM)	Union
Lay, J. F. (2 ME)	Central
Lay, J. R. (4 Ag En)	Westminster
Leach, P. J. (3 TM)	Abbeville
League, F. M. (4 TM)	Easley
Lee, E. W. (3 Dairy)	Landrum
Lee, H. E. (3 EE)	Hampton, Va.
Lee, J. A. (4 Arch)	Greenwood
Lee, W. A. (3 CE)	Elberton, Ga.
Lemmon, O. C. (1 Ar En)	Latta
Leslie, G. S. (4 CE)	Newberry
Lever, M. D. (2 A-AH)	McConnellsville
Lewis, J. O. (3 A&S)	Marion
Lewis, L. L. (4 VAE)	Leesville
Lewis, V. E. (4 Arch)	Spartanburg
Lide, C. B. (4 GS)	Marion
Liebenrood, G. H. (2 A-AH)	Mount Pleasant
Ligon, H. B. (2 Pre-Med)	Iva
Lindsay, J. B. (3 Arch)	Clemson
Lindsay, R. J. (1 T-TM)	Clemson
Lindstedt, G. W. (2 A&S)	Holly Hill
Link, J. B. (1 E-ME)	McCormick
Liston, J. W. (1 A&S)	Smoaks
Little, L. W. (3 VAE)	Newberry
Littlejohn, J. N. (1 A-Hort)*	Sumter
Locke, J. D. (3 CE)	Taylors
Loftis, C. E. (2 Ind Ed)	Pickens
Lollis, H. E. (4 ME)	Greenville
Long, T. J. (4 ME)	McColl
Longshore, H. F. (2 Ag En)	Newberry
Lund, S. (4 Agron)	Exeland, Wis.
Lyles, J. F. (4 Hort)	Winnsboro
Lynn, H. P. (3 Ag En)	Clemson
Lynn, W. W. (2 A-Agron)	Filbert
Lyon, J. A. (4 VAE)	Edgefield
Lytle, B. E. (4 ME)	Fort Mill
Lytle, D. G. (3 EE)	New York, N. Y.
Lytle, T. E. (4 Ag Ec)	Anderson
McAlister, M. F. (4 TM)	Abbeville
McCall, B. G. (3 Pre-Med)	Ellerbe, N. C.
McCall, H. E. (1 A-AH)	Hendersonville, N. C.
McCaskill, M. J. (1 A-Agron)	Bethune
McClain, W. F. (3 ME)	Honea Path
McClamroch, W. C. (3 Arch)	Pascagoula, Miss.
McConnell, F. M. (3 Ag Ec)	Seneca
McConnell, J. E. (2 A-AH)	Seneca
McCoy, B. J. (3 CE)	Greenville
McCoy, D. W. (3 TM)	Lynchburg, Va.
McDaniel, B. F. (3 ME)	Pickens
McDaniel, V. G. (4 Ind Ed)	Bennettsville
McElveen, C. D. (3 AH)	Columbia
McGill, J. N. (3 CE)	Anderson
McInnis, L. A. (S)	Clio
McKay, D. B. (4 EE)	Winnsboro
McKay, W. (4 Dairy)	Hendersonville, N. C.
McKinney, H. E. (3 EE)	Greenville
McKinney, R. Bowen (2 EE)	Charleston
McKinney, R. Briscoe (1 T-TM)	Pickens
McLaurin, J. F. (3 Pre-Med)	Bennettsville
McMillan, C. M. (4 Ag En)	Mullins
McNair, S. M. (1 E-Ag En)	Hartsville
McRae, D. D. (4 A&S)	Florence
McSwain, W. E. (3 TM)	York
Mack, J. H. (2 Arch)	Garnett
Mack, T. E. (3 TM)	Union
Mack, W. C. (1 E-ME)	Garnett
Mackenzie, M. B. (3 Arch)	Charleston
Maddox, H. M. (3 A&S)	Easley
Major, C. A. (4 Hort)	Greenwood
Mandanis, G. P. (4 EE)	Spartanburg
Marks, G. M. (2 ME)	Greenville
Martin, C. B. (3 TM)	Greenville

Name and Course	Address
Martin, C. H. (3 ME)	Aiken
Martin, C. W. (1 E-EE)	Belton
Martin, E. H. (3 AH)	Conway
Martin, T. A. (4 CE)	Griffin, Ga.
Mason, F. G. (3 A&S)	Mullins
Mason, G. E. (3 VAE)	Westminster
Massey, T. A. (2 TM)	Walhalla
Mathias, W. L. (3 TC)	Lexington
Matthews, W. D. (2 A&S)	Manning
Maxfield, B. G. (2 A-AH)	Hodges
May, E. B. (4 TM)	Asheville, N. C.
May, J. D. (4 TE)	Ware Shoals
Mayson, J. M. (2 VAE)	McCormick
Meadows, H. F. (3 Agron)	Woodruff
Meeks, C. D. (PG ME)	Anderson
Melnyk, W. G. (2 Ar En)	Brooklyn, N. Y.
Melton, T. C. (4 VAE)	Chesterfield
Merck, E. W. (4 CE)	Central
Meredith, J. R. (1 VAE)	Townville
Merritt, J. W. (4 ME)	Greenville
Metts, W. C. (2 VAE)	Brookings, S. Dak.
Michael, M. G. (1 T-TC)	Linwood, N. C.
Mickle, H. L. (3 TM)	Rock Hill
Mickle, P. C. (4 TE)	Rock Hill
Millen, R. M. (4 EE)	Richburg
Miller, B. M. (2 Ind Ed)	Liberty
Miller, C. L. (2 TM)	Greenville
Miller, J. R. (4 VAE)	Erwin, Tenn.
Mims, T. V. (3 TM)	Talladega, Ala.
Mintz, W. H. (3 Ch En)	Fort Lawn
Mitchell, W. B. (3 A&S)	Charlotte, N. C.
Mitchum, B. W. (3 VAE)	Smoaks
Mixon, L. C. (2 TM)	Aiken
Moisson, G. M. (4 TC)	Greenville
Moisson, W. C. (3 CE)	Greenville
Montgomery, H. R. (4 Agron)	Woodruff
Montgomery, R. R. (4 Agron)	Woodruff
Montone, N. A. (3 EE)	Westminster
Monts, D. D. (1 A-Agron)	Millen, Ga.
Monts, R. M. (4 ME)	Millen, Ga.
Moon, A. B. (3 CE)	Columbus, Ga.
Moore, R. T. (3 VAE)	Piedmont
Moore, U. B. (3 TM)	La France
Moore, W. H. (4 A&S)	Sandy Springs
Morgan, H. E. (2 ME)	Salisbury, N. C.
Morgan, L. V. (4 Ind Ed)	Albemarle, N. C.
Morgan, M. L. (2 A-Agron)	Oakboro, N. C.
Morris, L. S. (4 Agron)	Olar
Moss, E. M. (4 Ind Ed)	Seneca
Mosteller, G. W. (3 Ind Ed)	Greer
Mozingo, G. W. (4 TE)	Rock Hill
Muckenfuss, A. A. (1 E-EE)	Florence
Mull, M. D. (1 A-Hort)	Anderson
Mullinnix, G. A. (1 T-TM)	Greenville
Murphree, J. E. (4 VAE)	West Union
Neal, J. L. (3 TC)	Fort Mill
Neeley, B. B. (3 Ar En)	Columbia
Nelson, P. A. (3 Pre-Med)	Fountain Inn
Neves, J. A. (3 VAE)	Taylors
Newton, D. T. (2 Ind Ed)	Central
Nipper, J. J. (3 TM)	Lowell, N. C.
Nolte, F. E. (1 E-EE)	Charleston
Norris, G. F. (4 Ind Phys)	Greer
Norris, W. M. (4 Ag En)	Vance
Norton, J. P. (3 TE)	Pickens
Norton, R. E. (3 Ar En)	Florence
Norwood, R. E. (4 ME)	Greenwood
Nowell, J. G. (1 E-EE)	Charleston
Nowell, V. H. (3 Ar En)	Savannah, Ga.
Nuckols, J. N. (1 T-TM)	Westminster
O'Neal, C. A. (1 Pre-Med)	Blenheim
O'Neal, F. G. (4 VAE)	Fairfax
Onley, W. O. (2 ME)	Columbia
Outz, M. (1 A-Ag Ec)	Fair Play
Outz, J. E. (4 EE)	Callison
Owen, B. E. (3 Ind Ed)	Orangeburg
Owen, R. R. (2 Ed)	Naval Base
Parker, C. Y. (2 Arch)	Cruger, Miss.
Parker, H. M. (3 CE)	Sumter
Parnell, D. E. (2 Ch En)	Anderson
Parnell, J. S. (1 T-TC)	Ware Shoals
Parsons, B. W. (2 ME)	Rock Hill
Pate, H. R. (4 VAE)	Cassatt
Patrick, W. M. (4 A&S)	Ruffin
Patterson, C. C. (2 TM)	Clemson
Patterson, M. B. (4 TM)	Laurens
Patterson, N. W. (4 AH)	Saluda
Pavia, J. F. (2 EE)	New Brunswick, N. J.
Payne, R. T. (4 EE)	Charlotte, N. C.
Pearson, W. D. (4 Ag En)	Woodruff
Pepper, H. C. (4 AH)	Easley
Perkins, D. B. (3 EE)	Savannah, Ga.
Person, R. L. (4 EE)	Greensboro, N. C.
Peters, A. H. (3 Ch En)	Summerville
Pettigrew, J. E. (4 Dairy)	Iva
Pettigrew, J. W. (4 VAE)	Edgefield
Pickens, J. P. (4 VAE)	Madison
Pickens, W. P. (3 Pre-Med)	Easley
Pinson, C. B. (4 A&S)	Greenwood
Pinson, J. R. (G Ed)	Greenville
Pinson, J. T. (2 ME)	Anderson
Pitts, J. H. (3 Agron)	Clinton
Player, C. B. (4 Agron)	Bishopville
Plunkett, R. W. (S TM)	Clemson
Poole, M. V. (4 ME)	Ware Shoals
Poole, T. B. (2 TM)	Clemson
Porcher, F. P. (4 EE)	Charleston
Porter, V. C. (3 VAE)	Williston
Porter, W. M. (4 ME)	Charlotte, N. C.
Potter, A. W. (3 CE)	Spartanburg
Price, J. L. (2 A-Hort)	Gaffney
Price, J. T. (4 CE)	Starr
Prince, E. W. (2 VAE)	Gurley
Province, P. J. (4 Ch En)	Chattanooga, Tenn.
Pruitt, J. R. (3 TM)	Anderson
Puckett, L. O. (4 TM)	Charlotte, N. C.
Pulkinen, C. S. (3 A&S)	Charleston
Quinn, E. W. (2 Ag En)	Spartanburg
Ragsdale, J. W. (4 A&S)	Blair
Rainsford, T. H. (3 Dairy)	Edgefield
Rallings, E. M. (4 VAE)	Pageland
Rash, M. C. (3 Pre-Med)	Lockhart
Rauch, R. J. (3 CE)	Rock Hill
Ravenel, J. J. (4 Pre-Med)	Charleston
Ravenel, W. F. (4 ME)	Sanford, Fla.
Rawls, C. H. (3 TE)	Rock Hill
Reames, D. L. (4 Ind Ed)	Bishopville
Reames, J. G. (4 Agron)	Bishopville
Reed, B. D. (1 E-Ag En)	North
Reeder, W. T. (2 EE)	Laurens
Reid, H. W. (2 ME)	Piedmont
Reid, J. R. (4 ME)	Sumter
Reynolds, J. T. (2 A&S)	Johnstown, Pa.
Reynolds, P. G. (2 Ar En)	Sumter
Rhyne, E. H. (4 A&S)	Clemson
Rhyne, F. L. (3 TM)	Gastonia, N. C.
Rice, M. A. (3 Ar En)	Florence
Rice, R. J. (4 TM)	Anderson
Richardson, F. M. (3 TM)	Greenville
Richardson, J. B. (S)*	Clemson
Richbourg, J. B. (3 Pre-Med)	Union
Riddle, H. J. (3 Arch)	Charleston
Ridgill, J. L. (4 CE)	Manning
Riley, F. S. (4 ME)	Hilton Village, Va.
Riser, C. W. (3 TC)	Columbia
Ritter, M. W. (2 ME)	Hickory, N. C.
Rivers, J. D. (4 CE)	Chesterfield
Roberts, D. E. (1 VAE)	Chester

Name and Course	Address
Roberts, E. W. (3 TE)	Ninety Six
Robertson, W. B. (3 Ch En)	Hagerstown, Md.
Robinson, J. M. (4 CE)	Rembert
Robinson, L. H. (4 Ind Phys)	Greenville
Robison, C. (4 TM)	Asheville, N. C.
Rochester, D. E. (3 ME)	Walhalla
Rochester, J. R. (2 EE)	Greenville
Rochester, R. M. (4 EE)	Walhalla
Rochester, W. F. (4 EE)	Walhalla
Rodgers, J. H. (4 Hort)	Charleston
Rodgers, J. S. (PG)	Charleston
Rogers, Ralph L. (2 EE)	Charleston
Rogers, Robert L. (2 TM)	Pelzer
Rogers, T. L. (2 Ag En)	Sumter
Rollison, J. A. (4 CE)	Atlanta, Ga.
Ross, J. G. (4 EE)	Newberry
Ross, J. W. (2 A-Hort)	Greer
Royals, D. O. (3 Pre-Med)	Conway
Russo, M. E. (3 CE)	New York, N. Y.
Rutledge, W. T. (3 TC)	Greenville
Sadler, M. H. R. (4 Arch)	Rock Hill
Saline, M. H. (2 Arch)	Charlotte, N. C.
Salley, N. R. (3 Agron)	Salley
Salley, W. B. (4 A&S)	Orangeburg
Salter, H. D. (4 CE)	Walterboro
Sample, M. B. (3 Ch En)	Greenwood
Sanders, C. B. (2 EE)	Anderson
Sanders, G. S. (3 Ar En)	Bamberg
Sanders, L. H. (3 Agron)	Union
Sanders, R. W. (3 Ag En)	Kline
Sanderson, J. L. (1 A-AH)	Dillon
Sapp, E. F. (3 Ind Phys)*	Albany, Ga.
Sargent, F. H. (3 TM)	Spartanburg
Saylors, A. E. (3 TM)	Ninety Six
Schrader, E. D. (3 TM)	Spartanburg
Scott, J. H. (1 E-EE)	Honea Path
Scott, W. W. (4 ME)	Holly Hill
Scurry, W. H. (4 ME)	Edgefield
Seaborn, D. K. (4 TC)	Walhalla
Seaborn, G. B. (3 EE)	Central
Seaborn, G. W. (3 VAE)	Walhalla
Sears, W. B. (3 TM)	Clemson
Seay, E. P. (4 CE)	Charleston
Seddon, F. (4 Ag Ec)	Boston, Mass.
Self, R. C. (4 TM)	Greenville
Selfridge, H. R. (2 A&S)	Lakeville, Conn.
Sellers, C. L. (3 VAE)	Mount Croghan
Senn, C. J. (4 Dairy)	Columbia
Senn, J. C. (4 EE)	Spartanburg
Severance, C. E. (4 Ag En)	Darlington
Sharpe, J. C. (4 Ag En)	Rock Hill
Sharpe, M. C. (4 ME)	Abbeville
Shaw, R. E. (1 T-TM)	Seneca
Shealy, L. H. (4 CE)	Batesburg
Shealy, W. L. (4 AH)	Gilbert
Shelley, L. B. (4 Agron)	Mullins
Shelton, G. F. (2 Ind Ed)	Navy Yard
Sherard, S. (1 E-ME)	Toccoa, Ga.
Sherer, L. D. (4 CE)	Greenville
Sheridan, W. M. (4 ME)	Spartanburg
Shirley, D. C. (1 E-EE)	Orangeburg
Shirley, J. H. (1 E-EE)	Gaffney
Shoolbred, A. W. (4 CE)	Columbia
Shorter, W. S. (2 Arch)	Manning
Shuler, J. B. (4 GS)	McClellanville
Shuler, N. E. (2 Ag En)	Rembert
Sightler, C. W. (3 TM)	Greenville
Simpson, D. E. (2 ME)	South Charleston, W. Va.
Simpson, D. N. (3 CE)	Anderson
Simpson, E. P. (4 EE)	Greenville
Simpson, J. I. (3 Ar En)	Piedmont
Sistrunk, R. W. (4 TM)	Decatur, Ga.
Sites, N. R. (3 AH)	White Rock
Skelton, C. (3 TM)	Anderson
Skinner, P. B. (4 TE)	Ware Shoals
Sloan, P. H. (4 A&S)	Walhalla
Smith, C. B. (2 Arch)	Gaffney
Smith, H. C. (4 EE)	Spartanburg
Smith, H. E. (3 TM)	Dover, N. C.
Smith, I. (4 VAE)	Pickens
Smith, K. (3 EE)	Duncan
Smith, K. B. (2 A&S)	Savannah, Ga.
Smith, L. B. (3 Agron)	Mullins
Smith, M. C. (4 VAE)	Dudley, Ga.
Smith, R. E. (3 ME)	Seneca
Smithwick, M. A. (4 A&S)	Chester
Smithwick, W. A. (4 Dairy)	Chester
Snell, A. W. (4 Ag En)	Elloree
Snipes, H. L. (4 VAE)	Marion
Snipes, J. R. (4 TM)	Greenwood
Snipes, J. W. (3 A&S)	Marion
Snoddy, S. T. (3 Arch)	Rockingham, N. C.
Snyder, P. (1 E-CE)	Spruce Pine, N. C.
Sofge, J. F. (2 ME)	Graniteville
Sojourner, D. C. (4 ME)	St. George
Sosa, D. (4 ME)	Clemson
Sowell, M. B. (2 VAE)	Elloree
Sox, H. W. (1 T-TM)	West Columbia
Sparks, E. G. (3 TM)	Gaffney
Spearman, J. E. (4 TC)	Chattanooga, Tenn.
Stallworth, W. H. (3 TM)	Spartanburg
Stamey, J. M. (3 Ag En)	Hartwell, Ga.
Starnes, W. H. (3 AH)	Salley
Steedly, W. M. (2 A-Agron)	Bamberg
Stegall, H. (1 E-EE)	Pendleton
Stehmeyer, E. H. (4 EE)	Charleston
Stephens, J. H. (1 T-TM)	Greenville
Stevens, J. E. (3 TE)	Spartanburg
Stevens, J. P. (4 VAE)	Conway
Stevens, J. T. (3 EE)	Washington, D. C.
Stewart, C. B. (4 ME)	Chevy Chase, Md.
Stewart, T. D. (4 Ar En)	Greenville
Stewart, W. K. (4 ME)	Savannah, Ga.
Stone, J. D. (3 TM)	Rock Hill
Stradley, C. D. (4 TM)	Greenville
Strickland, C. H. (2 A-Dairy)	Oakboro, N. C.
Stroman, J. L. (3 TM)	Orangeburg
Stroud, D. D. (3 ME)	Lyman
Stroud, H. D. (2 Ag En)	Richland
Strug, J. P. (3 EE)	Union
Stuck, K. E. (4 Ag Ec)	Pomaria
Stuck, W. M. (PG VAE)	Pomaria
Stuckey, J. F. (2 EE)	Hartsville
Suddeth, J. A. (S)	Clinton
Sullivan, M. W. (4 Agron)	Laurens
Summey, J. C. (1 T-TM)	Clemson
Swygert, H. B. (3 ME)	Greenville
Tarrant, W. B. (2 EE)*	Columbia
Tarver, W. B. (4 Chem)	Savannah, Ga.
Taylor, B. E. (3 TM)	Greer
Taylor, C. C. (3 Ag Ec)	Greenville
Taylor, E. L. (2 ME)	Lexington
Taylor, G. H. (3 Hort)	Gilbert
Taylor, R. F. (2 VAE)	Gilbert
TeBow, J. R. (3 Ind Phys)*	Augusta, Ga.
Tedder, J. B. (2 EE)	Cherryville, N. C.
Terry, A. M. (2 EE)	Iva
Tewkesbury, A. M. (4 CE)	Aiken
Thomas, R. T. (3 Arch)	Houston, Tex.
Thompson, G. A. (3 ME)	Sumter
Thompson, J. D. (4 EE)	Greenville
Thompson, O. N. (3 A&S)	Columbia
Thorne, W. C. (3 EE)	Sumter
Thrailkill, W. E. (4 EE)	Saluda
Till, H. G. (2 EE)	Orangeburg
Timmerman, D. S. (3 EE)	Augusta, Ga.
Timmons, J. K. (4 CE)	Piedmont

Name and Course	Address
Timms, S. M. (3 TE)	Anderson
Tinsley, E. S. (1 E-TE)	Hodges
Tinsley, J. A. (2 Ind Ed)	Fort Mill
Todd, J. N. (3 ME)	Washington, D. C.
Todd, L. O. (3 TE)	Fairfax
Todd, R. M. (3 TM)	Anderson
Tommie, W. J. (1 Pre-Med)	Mountville
Toney, C. C. (3 TM)	Richland
Townsend, L. M. (4 CE)	Pisgah Forest, N. C.
Townsend, R. E. (4 TM)	Laurens
Traylor, M. H. (4 CE)	Ridgeway
Traylor, W. R. (4 Ent)	Ridgeway
Truesdale, G. G. (3 VAE)	Spencer, N. C.
Trumpore, A. S. (4 EE)	Beaufort
Turner, A. N. (2 A&S)	Reidsville, N. C.
Turner, H. E. (2 Ar En)	Greenville
Turner, J. T. (3 EE)	Winnsboro
Turner, J. W. (4 ME)	Albany, Ga.
Turner, T. J. (S)	Clemson
Tyson, S. E. (4 Ag En)	Strother
Uldrick, J. P. (2 CE)	Donalds
Van Hook, E. (2 Ch En)*	Atlanta, Ga.
Varn, H. W. (2 CE)	Walterboro
Varner, J. F. (1 T-TM)	Ashland, Ga.
Varner, J. R. (1 T-TM)	Buffalo
Vehorn, B. L. (2 ME)	Boston, Mass.
Vermillion, R. J. (3 VAE)	Ware Shoals
Vickery, A. V. (3 ME)	Hartwell, Ga.
Vinson, J. L. (3 TM)*	Union
Volk, L. R. (4 TM)	Long Island, N. Y.
Von Kaenel, J. C. (2 ME)*	Monroe, Wis.
Wade, R. W. (2 ME)*	Greenville
Walker, H. O. (2 Ar En)	Union
Walker, J. T. (3 VAE)	Manning
Walser, J. F. (3 TE)	Salisbury, N. C.
Walters, D. M. (1 E-CE)	Salisbury, N. C.
Walton, G. T. (3 A&S)	Belton
Wannamaker, W. F. (4 ME)	Columbia
Ward, A. G. (4 TM)	Greenville
Ward, T. (2 Ch En)	McClellanville
Ware, W. T. (3 CE)	Iva
Warner, C. K. (PG Ar En)	Louisville, Ky.
Warren, T. A. (2 A-AH)	Prosperity
Waters, J. D. (2 TM)	Johnston
Watson, A. I. (3 EE)	Greenville
Watson, A. W. (2 CE)	Easley
Weaver, C. (PG)	Timmonsville
Webb, C. (4 CE)	Beaufort
Webb, E. W. (1 T-TM)	Marion
Webb, F. T. (2 A&S)	Union
Webb, R. L. (4 CE)	Virginia Beach, Va.
Webster, J. O. (4 Ag En)	Loris
Weeks, P. H. (1 E-CE)	Aiken
Weeks, T. J. (3 ME)	Charleston
Weinheimer, C. A. (2 ME)	Charleston
Welch, W. L. (2 ME)	Georgetown
West, W. E. (4 ME)	Greenville
Whall, R. F. (PG Ch En)	San Juan, P. R.
Whitaker, R. L. (3 TE)	Union
White, L. G. (2 ME)	Gaffney
White, L. W. (4 Ed)	Easley
White, P. J. (3 TM)	Greenville
White, R. M. (4 ME)	Sumter
White, R. W. (4 EE)	Greenwood
White, T. E. (2 Chem)	Anderson
Whitmire, J. B. (2 VAE)	Griffin, Ga.
Whitten, D. L. (1 T-TM)*	Pell City, Ala.
Wilkes, L. H. (4 Ag En)	Winnsboro
Willard, C. D. (4 ME)	Whitmire
Williams, B. B. (4 TE)	Daisy, Tenn.
Williams, C. F. (3 EE)	Orangeburg
Williams, H. H. (4 TM)	Orangeburg
Williams, J. W. (3 ME)	Spartanburg
Williams, L. E. (1 Ar En)	Toccoa, Ga.
Williams, L. P. (4 EE)	North Augusta
Williams, R. R. (4 VAE)	Swansea
Williams, Y. E. (PG VAE)	Salley
Williamson, M. L. (1 T-TM)	Whitmire
Willimon, C. P. (3 Poul)	Greenville
Willis, S. M. (2 TM)	Greenwood
Wilson, C. W. (3 Ag En)	Landrum
Wilson, J. (4 TC)	Anderson
Wilson, J. C. (2 EE)	Greenville
Wilson, J. K. (2 A&S)	Wellford
Wilson, M. C. (3 CE)	Darlington
Wilson, R. G. (1 E-EE)	Greenwood
Wilson, W. F. (3 CE)	Greensboro, N. C.
Winburn, W. C. (2 VAE)	Hartsville
Windsor, W. D. (2 TM)	Pell City, Ala.
Wingate, W. H. (4 Ch En)	Fairhaven, Mass.
Wise, K. C. (2 TM)	Prosperity
Withington, J. M. (3 TC)	Greenville
Wolfe, G. A. (2 VAE)	Inman
Wood, A. W. (4 Ar En)	Greenville
Wood, W. A. (4 A&S)	Greenwood
Wood, W. H. (4 ME)	Gray Court
Woodcock, F. E. (3 Ag Ec)	Pelzer
Woolen, C. L. (2 ME)	Atlanta, Ga.
Worley, S. (4 Agron)	Windsor
Worth, H. P. (1 E-TE)*	Greenville
Worthy, H. R. (3 ME)	Lockhart
Wright, G. C. (4 EE)	Seneca
Wright, H. G. (3 EE)	Shelton
Wylie, W. O. (2 TM)	Chester
Yarbrough, D. R. (3 TM)	York
Yeargin, G. A. (3 Arch)	Anderson
Young, E. R. (3 TM)	Honea Path
Young, S. P. (3 Ag En)	Dalzell
Young, S. R. (1 E-Ag En)*	Sumter

NUMBER OF STUDENTS MAJORING IN EACH CURRICULM
1948 SUMMER TERM

Classification	Agriculture	Agricultural Engineering	Pre-Forestry	Arts and Sciences	General Science	Industrial Physics	Pre-Medicine	Chemistry	Architectural Engineering	Architecture	Chemical Engineering	Chemistry-Engineering	Civil Engineering
Senior	41	19	0	23	2	5	5	3	5	7	5	34	43
Junior	32	16	0	19	0	4	13	1	15	11	7	24	45
Sophomore	29	6	0	12	0	0	10	5	9	8	4	11	20
Freshman	16	6	0	2	0	0	5	0	3	3	3	3	18
Postgraduate													
Graduate													
Special Graduate													
Special													
Total	118	47	0	56	2	9	33	9	32	29	19	72	126

Classification	Electrical Engineering	Mechanical Engineering	Textile Chemistry and Dyeing	Textile Engineering	Textile Manufacturing	Vocational Agricultural Education	Education	Industrial Education	Postgraduate	Graduate	Special	Enrollment by Classes
Senior	51	6	20	42	31	1	11					354
Junior	40	11	23	73	31	0	8					378
Sophomore	31	1	3	47	14	2	5					217
Freshman	15	4	6	24	7	0	0					115
Postgraduate								12				12
Graduate									1			1
Special Graduate										1		1
Special											7	7
Total	137	22	52	186	83	3	24	12	1	1	7	1080

ENROLLMENT BY COUNTIES AND STATES

1948 SUMMER TERM

County	*Total*
Abbeville	13
Aiken	18
Allendale	4
Anderson	79
Bamberg	6
Barnwell	7
Beaufort	9
Berkeley	1
Calhoun	0
Charleston	46
Cherokee	11
Chester	11
Chesterfield	14
Clarendon	12
Colleton	9
Darlington	16
Dillon	2
Dorchester	7
Edgefield	11
Fairfield	13
Florence	23
Georgetown	9
Greenville	111
Greenwood	41
Hampton	5
Horry	14
Jasper	3
Kershaw	5
Lancaster	9
Laurens	18
Lee	10
Lexington	10
Marion	11
Marlboro	6
McCormick	13
Newberry	27
Oconee	58
Orangeburg	21
Pickens	44
Richland	22
Saluda	6
Spartanburg	62
Sumter	26
Union	19
Williamsburg	1
York	39
South Carolina Total	902

State or Country	*Total*
Alabama	7
California	1
Connecticut	3
Costa Rica	1
Cuba	1
District of Columbia	3
Florida	9
Georgia	41
Illinois	4
Kentucky	3
Maryland	2
Massachusetts	3
Mississippi	2
New Jersey	6
New York	10
North Carolina	53
Ohio	2
Pennsylvania	4
Puerto Rico	1
South Carolina	902
South Dakota	1
Tennessee	8
Texas	1
Virginia	9
West Virginia	1
Wisconsin	2
Grand Total	1080

LIST OF STUDENTS, FIRST SEMESTER, 1948-1949

The names are arranged in alphabetical order and following the names are symbols indicating classes and courses. The classification of undergraduates is indicated by numerals as follows: 1—Freshman, 2—Sophomore, 3—Junior, 4—Senior.

The abbreviations following the numerals refer to the student's major course: A-Agriculture (unclassified as to major course), Ag Ec-Agricultural Economics, Agron-Agronomy, AH-Animal Husbandry, Bot-Botany, Dairy-Dairy, Ent-Entomology, Hort-Horticulture, Poul-Poultry, Ag En-Agricultural Engineering, Pre-For-Pre-Forestry; A&S-Arts and Sciences, GS-General Science, Ind Phys-Industrial Physics, Pre-Med-Pre-Medicine; Chem-Chemistry; E-Engineering (unclassified as to major course, but the abbreviation following the "E" indicates a preliminary choice of major course), Arch-Architecture, Ar En-Architectural Engineering, Ch En-Chemical Engineering, Ch-En-Chemistry-Engineering, CE-Civil Engineering, EE-Electrical Engineering, ME-Mechanical Engineering; T-Textiles (unclassified as to major course, but the abbreviation following the "T" indicates a preliminary choice of major course), TC-Textile Chemistry, TE-Textile Engineering, TM-Textile Manufacturing; VAE-Vocational Agricultural Education, Ed-Education, Ind Ed-Industrial Education.

New students admitted in September, 1948, are indicated by an asterisk (*).

Name and Course	Address
Abercrombie, H. O. (3 ME)	Central
Ables, J. R. (2 VAE)	Westminster
Abrams, A. E. (3 TM)	Ware Shoals
Ackerman, C. L. (2 ME)	St. George
Ackerman, R. E. (4 Pre-Med)	Moncks Corner
Ackerman, W. N. (4 ME)	Moncks Corner
Adams, B. R. (3 TM)	Anderson
Adams, F. W. (1 T-TM)	Laurens
Adams, G. L. (3 ME)	Spartanburg
Adams, I. J. (2 A-AH)	Kershaw
Adams, J. H. (4 CE)	Greenville
Adams, L. C. (S)	Clemson
Adams, L. G. (4 Ind Phys)	Seneca
Adams, T. R. (1 A-AH)*	Timmonsville
Adams, W. A. (1 A&S)	North Charleston
Adams, W. L. (1 T-TM)	Kershaw
Adams, W. S. (3 A&S)	Clemson
Addis, L. G. (3 TM)	Walhalla
Addison, J. K. (4 EE)	Cottageville
Addy, N. W. (1 T-TC)*	Lexington
Adickes, H. F. (3 Pre-Med)	York
Aguilar, J. E. (3 TM)	Alajuela, C. R.
Aichele, J. H. (4 Hort)	Charleston
Aigner, J. J. (2 TM)*	Conshohocken, Pa.
Aiken, C. B. (3 CE)	Pickens
Aiken, D. A. (3 TM)	Winnsboro
Aiken, F. J. (2 TM)	Greenville
Aiken, F. V. (2 TM)	Bath
Aiken, M. (3 EE)	Nimmons
Aimar, N. V. (2 Pre-Med)	Beaufort
Akers, D. J. (3 Hort)	Carrollton, Ky.
Aldous, G. C. (2 EE)	Naval Base
Aldrich, R. B. (1 Chem)*	Charleston
Alexander, B. M. (2 TM)	Lyman
Alexander, J. F. (4 Ag Ec)	Anderson
Alexander, J. K. (2 Pre-Med)	Bishopville
Alexander, J. M. (1 E-CE)*	Westminster
Alexander, M. C. (2 Chem)	Walhalla
Alexander, M. W. (1 A-Agron)	Westminster
Alexander, W. Ray (3 VAE)	Bishopville
Alexander, W. Richardson (3 TM)	Aiken
Allaband, W. A. (1 E-CE)*	Spartanburg
Allen, C. G. (3 Ag En)	Latta
Allen, C. R. (4 Ag En)	Latta
Allen, G. A. (4 Agron)	Franklin, Tenn.
Allen, H. W. (1 A&S)	Clio
Allen, J. L. (1 E-Ag En)	Clio
Allen, L. D. (3 EE)	Savannah, Ga.
Allen, O. L. (4 CE)	Walhalla
Allen, R. L. (4 ME)	Greenville
Allen, W. W. (2 A-Agron)	Spartanburg
Allison, H. G. (2 TM)	Gaffney
Allison, J. D. (1 VAE)*	Pauline
Allison, R. F. (1 T-TM)*	Swannanoa, N. C.
Altman, A. C. (3 Agron)	Galivants Ferry
Ameen, W. O. (3 Ar En)	Winnsboro
Amick, W. A. (1 T-TM)	Rock Hill
Ammons, J. B. (1 E-Ag En)	Hartsville
Anderson, C. P. (4 TM)	Lexington, N. C.
Anderson, C. W. (1 T-TM)	Summerville
Anderson, G. B. (2 Pre-Med)	Chester
Anderson, J. R. (3 TM)	Elmhurst, Ill.
Anderson, L. P. (4 Agron)	Nichols
Anderson, M. H. (4 TM)	Greenville
Anderson, R. L. (1 A&S)*	Clemson
Anderson, S. G. (1 Pre-Med)*	Glen Rock, N. J.
Anderson, T. H. (2 TC)	Columbia
Anderson, V. E. (1 E-CE)*	Georgetown
Anderson, W. D. (2 EE)	Greensboro, N. C.
Andrea, F. W. (3 CE)	Greer
Andrews, L. V. (3 TM)	Cedartown, Ga.
Andrews, W. P. (2 ME)	Greenville
Andrews, W. T. (2 ME)	Greenville
Arant, H. B. (3 Pre-Med)	Orangeburg
Archer, C. L. (3 A&S)	Anderson
Ard, J. H. (S)*	Clemson
Ard, J. W. (3 VAE)	Hemingway
Armstrong, L. W. (4 TC)	Charleston
Arndt, O. G. (2 Ar En)	Orangeburg
Arnette, W. J. (3 TM)	Winnsboro
Arnold, B. R. (1 Pre-Med)	Greenville
Arnold, T. L. (2 EE)	Woodruff
Arnold, T. R. (2 Arch)	Anderson
Arnts, G. W. (3 CE)	North Tonawanda, N. Y.
Aronson, A. A. (S)*	Raleigh, N. C.
Arrington, J. D. (3 Ag En)	Ninety Six

Name and Course	Address
Arthur, H. T. (3 A&S)	Bristol, Tenn.
Arve, J. E. (1 Pre-Med)	Cumberland, Md.
Asbelle, C. T. (1 Arch)*	Clearwater
Asbury, R. R. (2 TE)	Taylors
Ash, E. R. (3 ME)	Greenville
Asher, D. L. (1 E-ME)*	Orlando, Fla.
Ashley, G. H. (4 TE)	Ware Shoals
Ashley, J. (4 Agron)	Ellenton
Ashley, R. H. (2 TM)	Iva
Ashley, W. E. (4 TM)	Donalds
Ashley, W. M. (4 TM)	Anderson
Ashley, W. T. (3 Pre-Med)	Pikeville, Ky.
Ashmore, J. P. (4 CE)	Greenville
Ashmore, R. C. (3 Pre-Med)	Greenville
Ashton, J. P. (1 E-TE)*	Philadelphia, Pa.
Asnip, G. (3 TE)	Greenville
Atkins, W. G. (3 TM)	Anderson
Atkins, W. R. (2 A-Ag Ec)	Hamer
Atkinson, C. W. (1 T-TM)	Chester
Atkinson, F. W. (3 Ag En)	Augusta, Ga.
Atkinson, W. D. (4 AH)	Mullins
Attaway, H. H. (1 E-ME)	North Charleston
Attaway, J. M. (2 Pre-Med)	Beaufort
Aughtry, J. E. (2 TM)	Lyman
Auld, I. D. (1 VAE)	Mount Pleasant
Austin, J. G. (1 T-TM)	Rock Hill
Austin, J. N. (4 ME)	Laurens
Aycock, E. R. (3 TM)	Greenville
Babb, K. B. (1 Ed)*	Portsmouth, Va.
Baggott, B. H. (3 ME)	Columbia
Bagwell, C. E. (4 EE)	Spartanburg
Bagwell, H. B. (3 ME)	Spartanburg
Bailey, B. D. (4 EE)	Heath Springs
Bailey, C. K. (1 E-TE)	Lockhart
Bailey, G. T. (3 TE)	Greenville
Bailey, R. B. (S)	Columbia
Bailey, T. W. (3 CE)	Summerville
Bailey, W. P. (3 A&S)	Greenwood
Bain, O. L. (2 TM)	Greenwood
Baird, R. L. (4 Agron)	Darlington
Baker, E. R. (3 ME)	Great Falls
Baker, G. H. (3 Agron)	Cades
Baker, J. L. (1 T-TM)	Bath
Baker, O. E. (2 A-AH)	Nichols
Baker, P. E. (PG TM)	Whitmire
Baker, R. W. (1 T-TM)*	Pageland
Baldwin, C. M. (2 A-AH)	Georgetown
Baldwin, J. D. (3 Ag En)	Greenwood
Baldwin, O. S. (1 E-ME)	Charleston
Baldwin, W. E. (2 Chem)	Spartanburg
Ball, S. E. (3 TM)	Greenville
Ball, W. L. (4 EE)	Laurens
Ballenger, R. D. (2 TM)	Charlotte, N. C.
Ballenger, S. B. (3 TM)	Charlotte, N. C.
Ballenger, S. H. (S)*	Walhalla
Ballentine, J. R. (1 E-ME)	Anderson
Ballentine, W. W. (3 Ag En)	Blythewood
Ballew, C. B. (3 Ed)	Liberty
Ballew, W. C. (4 TM)	Easley
Ballinger, W. H. (2 TM)	Atlanta, Ga.
Balloch, J. (3 TM)	Travelers Rest
Bandy, C. W. (1 Ar En)	Bath
Banister, R. A. (S)	Clemson
Bankhead, T. E. (3 VAE)	Sharon
Banks, A. J. (3 EE)	St. Matthews
Banks, D. H. (4 A&S)	St. Matthews
Banks, E. R. (4 CE)	Savannah, Ga.
Banks, J. J. (4 Ch En)	Augusta, Ga.
Barber, B. P. (3 ME)	Columbia
Barbot, D. C. (2 EE)	Florence
Bare, G. (1 A&S)	Starr
Barfield, D. A. (4 VAE)	Kershaw
Barfield, W. M. (3 AH)	Sumter
Barker, H. V. (3 CE)	Seneca
Barker, J. A. (2 ME)	Allendale

Name and Course	Address
Barker, R. E. (2 A-Hort)	Conway
Barker, V. R. (2 A-Agron)	Allendale
Barksdale, W. H. (2 VAE)	Gray Court
Barnes, D. E. (3 Ind Phys)	Brevard, N. C.
Barnes, G. T. (4 A&S)	Savannah, Ga.
Barnes, R. E. (3 TM)	Rutherfordton, N. C.
Barnes, W. E. (4 TM)	Newberry
Barnett, E. W. (3 TM)	Great Falls
Barnett, J. E. (4 Pre-Med)	Marietta
Barnett, J. T. (1 Arch)*	Memphis, Tenn.
Barnett, W. C. N. (2 VAE)	Greer
Barnwell, C. S. (4 TE)	Macon, Ga.
Barr, W. H. (2 EE)	Rion
Barrett, C. M. (4 TC)	Lancaster
Barrett, G. M. (2 TM)*	Atlanta, Ga.
Barrett, R. F. (3 TM)	Greenwood
Barrineau, E. R. (2 Ag En)	Lake City
Barrow, J. O. (2 TM)	North Augusta
Bartlett, F. O. (2 Ch En)	Spartanburg
Barton, E. B. (4 EE)	Winnsboro
Barton, F. W. (3 Hort)	Aiken
Barton, J. T. (2 A&S)	Greer
Barton, T. E. (1 T-TM)*	Lancaster
Bass, T. C. (2 Arch)	Greenville
Bates, B. L. (3 CE)	Spartanburg
Bates, C. L. (1 Ar En)*	Charlotte, N. C.
Bates, E. (4 TM)	Rock Hill
Bates, E. L. (1 A-Dairy)	Neeses
Bates, L. L. (2 EE)	Greenville
Bates, S. W. (2 EE)	Naval Base
Batson, H. E. (2 TM)	Greenville
Batson, H. G. (1 T-TM)	Laurens
Baxley, D. C. (4 Pre-Med)	Kershaw
Beach, M. G. (3 Chem)	Walterboro
Beach, R. L. (1 E-CE)*	Walterboro
Beall, J. H. (1 E-EE)*	Chicago, Ill.
Beam, D. G. (2 CE)	Spartanburg
Bearden, H. J. (3 TM)	Cliffside, N. C.
Bearer, J. K. (1 A-AH)*	Clemson
Bearss, W. A. (2 EE)*	Columbus, Ga.
Beatty, C. H. (3 EE)	Dunbarton
Beaty, F. E. (4 ME)	Charleston
Beaty, J. K. (1 A-Agron)	Florence
Bedenbaugh, P. H. (4 VAE)	Leesville
Beeks, J. R. (2 ME)	Greenville
Behling, R. B. (2 EE)	St. George
Bell, C. C. (2 A-Ag Ec)	Marion
Bell, G. E. (2 VAE)	Cordova
Bell, G. M. (3 Ar En)	Anderson
Bell, J. D. (3 TE)	Naval Base
Bell, J. E. (4 ME)	Orangeburg
Bell, J. P. (3 TM)	North Augusta
Bell, L. J. (3 Ag Ec)	Wampee
Bell, R. (4 Ag En)	Hartsville
Bell, R. Sidney (1 Ar En)	Anderson
Bell, R. Stokes (1 A-Dairy)	Jefferson
Bell, W. E. (1 Pre-For)	Orlando, Fla.
Bellamy, C. S. (1 T-TM)	Bamberg
Bellamy, O. H. (4 EE)	Florence
Benfield, P. L. (3 Ag En)	York
Bennett, R. J. (1 T-TM)	Union
Benton, O. F. (3 TM)	Eufaula, Ala.
Benton, P. L. (1 A)	Timmonsville
Berger, K. (3 Ar En)	Baltimore, Md.
Berly, J. C. (4 EE)	Pomaria
Bernhard, R. (1 E-Ch En)*	Brooklyn, N. Y.
Berry, E. B. (S)	Anderson
Berry, J. B. (4 EE)	Dunwoody, Ga.
Berry, J. M. (2 A-Dairy)	Pelzer
Berry, J. N. (4 Pre-Med)	Dunwoody, Ga.
Berry, R. W. (3 Chem & Ind Phys)	Atlanta, Ga.
Berry, W. E. (2 A-Agron)	Elloree
Berry, W. W. (2 A&S)	Greenville
Besson, W. T. (3 A&S)	North Augusta

Name and Course	Address
Bethel, W. P. (2 TM)*	Charlotte, N. C.
Bettis, F. A. (3 Ar En)	Greenville
Beyer, F. W. (S)	Clemson
Bevis, J. H. (3 TE)	Charleston
Bianchi, C. A. (4 Ind Ed)	Blythewood
Binnicker, M. (2 VAE)	Norway
Biser, H. H. (3 Ag En)	Columbia
Bisher, E. P. (4 Ch En)	Kingston, Pa.
Bishop, B. A. (1 E-ME)*	Cedar Mountain, N. C.
Bishop, B. C. (3 EE)	Greenwood
Bishop, G. J. (1 Arch)*	Savannah, Ga.
Bishop, J. C. (4 Hort)	Frogmore
Bishop, M. B. (3 TM)	Landrum
Bissell, A. A. (2 TE)*	Spartanburg
Black, B. R. (1 T-TM)	Union
Black, E. W. (4 Chem)	Barnwell
Black, H. N. (4 Ag En)	Ruffin
Black, J. A. (3 TM)	York
Black, J. B. (4 TM)	Honea Path
Black, J. M. (3 TM)	Anderson
Black, O. B. (1 T-TM)*	Grover, N. C.
Black, R. S. (1 E-ME)	Columbia
Blackwelder, H. V. (2 Arch)	Clinton
Blackwell, H. D. (4 Arch)	Newry
Blackwell, J. H. (3 TM)	Marion
Blair, G. W. (2 EE)	Savannah, Ga.
Blanchett, D. O. (4 Ch En)	Greenville
Bland, H. E. (2 Ag En)	Gaffney
Bland, J. P. (3 A&S)	Johnston
Blankenship, C. P. (4 Ag Ec)	Fort Mill
Blankenship, H. L. (2 EE)*	Erwin, Tenn.
Blocker, D. D. (3 Hort)	Walterboro
Bloxham, A. W. (3 TC)	Lyman
Bloxham, H. C. (2 TM)	Lyman
Blyth, E. K. (1 E-EE)	Charleston
Blythe, J. W. (3 ME)	Pelzer
Bobo, E. F. (1 A&S)	Anderson
Bobo, T. P. (3 TE)	Greenville
Bodie, A. B. (3 EE)	Greenville
Bodie, W. G. (4 EE)	Wagener
Bodle, W. J. (1 E-ME)*	Anderson
Boggs, C. D. (4 VAE)	Seneca
Boggs, R. H. (3 TC)	Anderson
Boissoneault, K. B. (1 E-ME)	Naval Base
Bolick, R. A. (4 TM)	Brookford, N. C.
Boliek, W. P. (4 EE)	Central
Boliver, T. E. (4 A&S)	Columbia
Bolt, R. S. (1 E-ME)	Gray Court
Bolt, W. F. (4 CE)	Anderson
Bomar, L. J. (1 T-TM)	Spartanburg
Bomar, L. S. (2 Ch En)	Greenville
Bonds, R. S. (4 TE)	Georgetown
Bonnoitt, E. L. (4 EE)	Florence
Boone, C. F. (1 T-TM)*	Orangeburg
Booth, L. P. (3 Agron)	Sumter
Boozer, E. W. (1 A-AH)*	Leesville
Boozer, H. S. (3 CE)	Denmark
Boozer, R. L. (1 VAE)*	Lone Star
Boroni, H. L. (3 A&S)	Brooklyn, N. Y.
Bosdell, F. A. (4 TM)	Greenwood
Boshears, J. F. (2 A&S)	Tiptonville, Tenn.
Boston, R. S. (3 ME)	Columbia
Boswell, D. F. (2 ME)	Manning
Bouchard, R. H. (3 Ch En)	Aiken
Bouknight, J. E. (4 EE)	Newberry
Boulware, M. D. (2 A-AH)	Anderson
Bourne, C. R. (2 A&S)	Georgetown
Bowen, D. B. (3 EE)	Pickens
Bowen, J. H. (3 Hort)	Westminster
Bowen, R. A. (1 E-TE)	Belton
Bowen, R. E. (2 ME)	Greenville
Bowen, R. H. (3 A&S)	Greenville
Bowen, R. L. (1 T-TM)	Central
Bowen, R. N. (2 CE)	Chesnee
Bowen, R. R. (3 TE)	Greenville
Bowen, W. K. (3 EE)	Piedmont
Bower, H. W. (2 ME)	Amsterdam, N. Y.
Bowers, G. W. (3 EE)	Central
Bowers, J. H. (2 Pre-Med)	West Union
Bowman, A. K. (1 E-CE)*	Sumter
Boyd, G. M. (3 ME)	Spartanburg
Boyd, H. S. (3 TM)	Laurens
Boyd, J. H. (1 E-ME)*	York
Boyd, P. A. (2 A-Ag Ec)	Loris
Boyd, R. P. (2 TE)*	Charlotte, N. C.
Boyd, W. B. (4 ME)	Greenville
Boyd, W. L. (2 CE)	York
Boykin, H. D. (2 Arch)	Boykin
Boykin, J. D. (3 A&S)	Georgetown
Boykin, T. O. (2 Ind Ed)	Camden
Boykin, T. R. (2 ME)	McColl
Boykin, W. B. S. (2 A-Agron)	Boykin
Boyle, C. R. (1 Arch)	Columbia
Boyles, J. C. (4 CE)	Savannah, Ga.
Boylston, R. E. (4 TM)	Charleston
Bozard, J. L. (3 Pre-Med)	Orangeburg
Bozard, W. D. (2 TM)*	Silverstreet
Brackett, G. D. (3 TE)	Rock Hill
Brackett, N. C. (4 A&S)	Pickens
Bradbury, D. P. (1 T-TM)*	Orangeburg
Bradbury, D. W. (S)	Clemson
Bradfield, J. W. (3 CE)	Charlotte, N. C.
Bradford, J. A. (4 TM)	Anderson
Bradham, F. L. (1 A-Agron)	Sumter
Bradham, P. C. (2 Arch)*	Sumter
Bradley, C. G. (2 CE)*	Forest City, N. C.
Bradley, R. C. (4 TM)	Greenville
Branham, R. A. (1 Ind Phys)*	Atlanta, Ga.
Brannen, J. E. (3 AH)	Register, Ga.
Brasington, W. W. (1 E-ME)	Darlington
Brawley, J. T. (4 TM)	Chester
Bray, J. T. (2 TM)	Greenville
Brennecke, H. J. (2 ME)	Walhalla
Brenner, W. R. (3 Ar En)	Jamaica, N. Y.
Bretstein, D. (1 T-TM)	New York, N. Y.
Bridgeman, J. L. (1 T-TM)*	Whitney
Bridges, R. A. (2 TM)*	Joanna
Bridwell, M. N. (4 TM)	Greenville
Bright, H. E. (3 TM)	Radford, Va.
Bright, M. (4 A&S)	Lyman
Brinkley, J. A. (1 Chem)	Signal Mountain, Tenn.
Brinson, A. D. (2 Ind Phys)	Wilmington, N. C.
Brinson, H. E. (2 CE)*	Savannah Beach, Ga.
Brisendine, R. S. (4 TE)	East Point, Ga.
Britton, R. R. (1 Ind Ed)	Chester
Britton, W. B. (4 EE)	Columbia
Broadway, J. R. (3 Ag En)	Summerton
Broadwell, E. T. (4 TM)	Sumter
Broadwell, R. L. (1 E-TE)*	Anderson
Brock, D. C., Jr. (2 A&S)	Clemson
Brock, D. C., Sr. (S)	Clemson
Brock, J. G. (3 TM)	Whitmire
Brock, O. D. (1 T-TM)	Whitmire
Brockman, E. D. (3 Ch En)	Greenville
Brockmann, H. E. (3 TM)	Charlotte, N. C.
Brodie, B. M. (3 AH)	Aiken
Brogdon, J. T. (1 A-Agron)	Manning
Brook, J. M. (1 T-TM)*	Lawrence, N. Y.
Brooks, J. P. (1 E-ME)	Charleston
Brooks, J. T. (1 Arch)	Fountain Inn
Brooks, T. F. (3 A&S)	Timmonsville
Brown, B. W. (4 ME)	Starr
Brown, C. E. (1 E-TE)*	Greenwood
Brown, C. L. (4 Hort)	Anderson
Brown, C. M. (3 Agron)	Oswego
Brown, D. C. (2 EE)	Greenville
Brown, E. G. (2 EE)	Iva

Name and Course	Address
Brown, E. R. (2 A-Ag Ec)	Iva
Brown, F. N. (2 A&S)	Greenville
Brown, George W. (3 A&S)	Darlington
Brown, Grover W. (4 Ag En)	Hickory Grove
Brown, H. D. (1 E-ME)*	Augusta, Ga.
Brown, J. A. (4 Ch-En)	Greenville
Brown, J. M. (4 A&S)	Mountain Rest
Brown, J. R. (1 E-TE)	Union
Brown, R. C. (3 AH)	Spartanburg
Brown, R. M. (2 A-Agron)	Iva
Brown, R. S. (2 TM)	Clemson
Brown, W. J. (3 A&S)	Walhalla
Brown, W. L. (4 AH)	York
Brown, W. M. (4 TM)	Greenville
Bruce, A. C. (4 CE)	Seneca
Bruce, L. L. (2 A&S)	Erwin, Tenn.
Brumley, J. E. (3 TM)	Greenville
Bruner, G. E. (S)	Clemson
Brunson, E. M. (4 Arch)	Estill
Brunson, J. W. (1 A-AH)	Sumter
Brunson, M. O. (2 Chem)	Estill
Brunson, R. F. (2 CE)	Ridgeland
Brunson, W. E. (2 ME)	Sumter
Brutcher, C. K. (2 Pre-Med)	Savannah, Ga.
Bryan, W. J. (3 AH)	Walterboro
Bryant, E. R. (2 VAE)	Pacolet
Bryant, H. O. (1 T-TM)	Liberty
Bryant, I. W. (3 TM)	Inman
Bryant, J. E. (1 T)*	Savannah, Ga.
Bryson, J. W. (1 E-EE)	Lyman
Bryson, T. J. (2 A)	Mountville
Buchanan, J. W. (1 E-TE)	Newberry
Buchanan, K. H. (3 TE)	Anderson
Buchanan, W. J. (1 A-Hort)*	West Columbia
Buchman, D. I. (4 Ind Phys)	New York, N. Y.
Buck, C. E. (4 ME)	Greenville
Buck, H. S. (3 TC)	Edgemoor
Buckles, C. D. (1 A)*	Salters
Buist, S. J. (2 Pre-Med)	Blackville
Bull, J. P. (4 Ag En)	Santee
Bultman, P. H. (4 Arch)	Sumter
Bundy, J. G. (3 CE)	Bennettsville
Bunger, A. W. (2 ME)	Savannah, Ga.
Burch, M. B. (2 EE)	Florence
Burdette, F. D. (1 E-ME)	Simpsonville
Burdette, H. Y. (4 A&S)	Charleston
Burdette, J. S. (3 CE)	Greenville
Burgess, H. A. (1 E-ME)	Whitmire
Burley, D. H. (1 E-Ch En)*	Clemson
Burnett, W. C. (3 TM)	Johnston
Burnett, W. E. (2 TM)	Greelyville
Burton, C. J. (1 E-ME)	Westminster
Burton, J. A. (4 Arch)	Greensboro, N. C.
Burton, J. C. (1 T-TM)	Pendleton
Busbee, A. L. (1 E-TE)*	Graniteville
Busby, A. F. (3 Dairy)	Anderson
Bush, J. J. (3 Ag En)	Allendale
Bussey, J. C. (1 E-EE)	Hagood
Butler, E. A. (1 E-Ch En)*	Youngstown, Ohio
Butts, W. W. (3 Hort)	Walhalla
Buxton, J. F. (2 TM)*	Sardis, Ga.
Byrd, D. L. (1 T-TM)*	Hartsville
Byrd, E. A. (3 CE)	Branchville
Byrd, J. A. (3 TM)	Greenville
Cagle, M. E. (4 AH)	Andrews
Caldwell, E. M. (4 Agron)	Spartanburg
Caldwell, J. C. (4 CE)	Charlotte, N. C.
Caldwell, V. B. (4 CE)	Blacksburg
Calhoun, A. P. (2 A&S)	Savannah, Ga.
Calvert, J. H. (1 T-TM)	Spartanburg
Calvert, Jackie W. (2 TM)	Spartanburg
Calvert, John W. (3 TM)	Abbeville
Calvert, L. (3 TM)	Mount Holly, N. C.
Calvert, R. B. (1 A-AH)*	Spartanburg
Cameron, F. B. (4 TM)	Greenville
Cameron, J. T. (3 TM)	Chester
Campbell, B. C. (1 E-EE)	Greenville
Campbell, J. B. (2 EE)*	Inman
Campbell, R. D. (4 CE)	Spartanburg
Campbell, S. E. (PG)	Arlington, Va.
Campbell, Wallace L. (2 TM)	Edgefield
Campbell, William L. (2 TM)	Greenville
Canfield, J. F. (3 Ag En)	Greenwood
Cannon, C. B. (4 EE)	Laurens
Cannon, J. G. (1 T-TC)*	Clemson
Cannon, L. R. (3 A&S)	Anderson
Cannon, M. P. (4 TM)	Greenville
Cantrell, J. L. (3 TM)	Fort Mill
Capelle, C. D. (4 EE)	Clemson
Cappeller, J. A. (4 EE)	Chicago, Ill.
Cappelmann, F. J. (4 EE)	Beaufort
Carden, L. D. (1 E-TE)*	Chickamauga, Ga.
Carlisle, J. S. (1 E-TE)*	Spartanburg
Carlson, P. G. (3 TM)	North Augusta
Carlton, C. M. (1 E-ME)	Anderson
Carmichael, C. F. (1 VAE)	Fork
Carmichael, K. S. (1 T-TM)	Lynchburg
Carmichael, W. L. (1 A)*	Madison, Ga.
Carothers, J. F. (1 T-TC)	Rock Hill
Carpenter, W. E. (1 E-ME)*	Graniteville
Carr, J. G. K. (2 Ar En)	Myrtle Beach
Carr, W. B. (2 ME)	Laurens
Carr, W. G. (2 Ch En)	Union
Carraway, A. J. (4 EE)	Timmonsville
Carroll, C. R. (3 A&S)	Blackville
Carroll, C. W. (4 EE)	Naval Base
Carroll, E. R. (1 Arch)*	Spartanburg
Carroll, J. H. (3 TE)	Anderson
Carroll, R. C. (1 Pre-Med)*	Florence
Carson, C. E. (3 TM)	Union
Carson, L. A. (4 TM)	Orangeburg
Carson, R. G. (S)	Clemson
Carter, C. A. (1 E-ME)*	Rock Hill
Carter, E. C. (3 Ch En)	Lamar
Carter, E. W. (1 T-TM)	Columbia
Carter, G. R. (1 T-TM)	Anderson
Carter, J. H. (3 A&S)	Georgetown
Carter, J. R. (3 EE)	Greenville
Carter, S. T. (2 EE)	Columbia
Carter, T. (3 TC)	Langley
Carter, W. C. (3 VAE)	Catawba
Carter, W. G. (2 Ch En)	Greenville
Carver, A. B. (3 EE)	Greenville
Carwile, J. P. (3 TM)	Abbeville
Case, G. F. (1 T-TM)	Cateechee
Cash, W. G. (1 T-TM)	Taylors
Caskey, W. J. (2 A-Ag Ec)*	Lancaster
Cason, P. N. (1 E-ME)*	Brunswick, Ga.
Cassell, J. H. (2 Arch)*	Pickens
Cassidy, W. B. (1 T)*	Hartsville
Castelloe, J. B. (2 ME)	Greenville
Castles, D. F. (3 EE)	Winnsboro
Castles, R. L. (1 E-ME)	Winnsboro
Castles, T. P. (2 AH)	Great Falls
Cates, J. M. (3 Arch)	Savannah, Ga.
Cates, J. W. (2 ME)	Seneca
Cathcart, J. F. (2 TM)	Bishopville
Cathcart, W. R. (4 Ind Ed)	Spartanburg
Cauble, R. (S)*	Salisbury, N. C.
Caudill, V. S. (1 A)*	Star, N. C.
Caulder, S. L. (2 VAE)	Lake City
Causey, C. E. (3 AH)	Furman
Cauthen, J. R. (1 E-Ch En)*	Heath Springs
Cauthen, M. B. (1 VAE)	Heath Springs
Cauthen, M. F. (1 E-EE)*	Rock Hill
Cauthen, V. W. (4 EE)	Greenville
Cecil, O. K. (3 Ar En)	Spartanburg
Chalker, A. L. (3 ME)	South Orange, N. J.

Name and Course	Address
Chalker, D. F. (4 CE)	South Orange, N. J.
Chalmers, C. M. (2 TM)	Greenwood
Chalmers, J. W. (4 TM)	Greenwood
Chalmers, L. V. (3 TM)	Greenwood
Chambers, H. C. (3 CE)	Beaufort
Chambers, J. E. (2 ME)	Piedmont
Chambers, R. W. (2 Ch En)*	Hayesville, N. C.
Chamblee, C. D. (1 VAE)	Anderson
Chamness, E. (3 Ag En)	Bennettsville
Chamness, W. B. (2 Ar En)	Bennettsville
Champion, J. C. (4 ME)	Shelby, N. C.
Chandler, J. A. (3 CE)	Clinton
Chandler, K. R. (1 E-ME)	Cades
Chandler, T. N. (1 T-TM)*	Greenwood
Chaplin, R. A. (1 T-TM)*	Hartsville
Chapman, J. W. (2 TM)	Spartanburg
Chapman, W. H. (4 EE)	Piedmont
Chapman, W. R. (4 Pre-Med)	Inman
Chappell, H. W. (4 TE)	Cartersville, Ga.
Charles, T. L. (2 EE)	Greenwood
Chastain, J. D. (2 VAE)	Taylors
Cheatham, R. J. (4 TM)	New Orleans, La.
Cherry, H. J. (3 Agron)	Charlotte, N. C.
Childers, W. J. (4 TM)	York
Childress, J. L. (2 TM)	Fort Knox, Ky.
Childress, J. R. (2 VAE)	Six Mile
Childress, T. P. (1 Ind Ed)*	Six Mile
Childs, D. A. (1 E-TE)*	Spartanburg
Childs, L. C. (1 Ar En)*	Columbia
Chovan, T. M. (3 EE & Ind Phys)	Bethlehem, Pa.
Chrisawn, E. S. (1 E-CE)*	Sumter
Christenbury, J. W. (2 ME)*	Charlotte, N. C.
Christopher, J. A. (2 Ag En)	Landrum
Christopher, J. B. (1 E-CE)*	Union
Churchill, J. D. (1 E-EE)	Charleston
Ciotti, W. A. (1 Ar En)*	Lexington
Claffy, J. F. (2 TM)	Spartanburg
Clancy, J. P. (4 TC)	Lancaster
Clanton, J. C. (2 Pre-Med)	Charlotte, N. C.
Clanton, R. M. (3 A&S)	Darlington
Clapp, J. C. (1 E-ME)*	St. Petersburg, Fla.
Clardy, J. E. (4 VAE)	Wampee
Clardy, W. W. (3 Ind Ed)	Arlington, Va.
Clark, G. L. (3 EE)	Johnston
Clark, J. F. (4 TM)	Walhalla
Clark, J. I. (1 T-TM)	Greenville
Clark, L. S. (2 A-AH)	Johnston
Clark, O. M. (2 TM)	Clemson
Clark, W. K. (3 TM)	Walhalla
Clarke, A. H. (1 T-TM)*	Laurens
Clarke, E. M. (1 Ar En)*	Arlington, Va.
Clarke, L. W. (2 A-AH)	Pineville
Clarkin, J. R. (2 Arch)	Charleston
Clarkson, H. C. (1 E-CE)	Cheraw
Clayton, D. H. (2 Ch En)	Dorchester
Clayton, L. A. (2 TM)	Greer
Clayton, R. M. (4 CE)	Pickens
Clegg, J. M. (4 Hort)	Ridgeland
Cleland, C. H. (3 ME)	Ridgeland
Clement, C. W. (3 Hort)	Inman
Clemmer, J. L. (1 A-AH)*	Ridgeland
Cleveland, J. O. (3 TM)	Anderson
Clevenger, C. W. (1 E-ME)*	Piedmont
Cline, S. L. (1 E-TE)*	Conover, N. C.
Clinkscales, H. S. (3 VAE)	Starr
Clinkscales, M. M. (3 TM)	Abbeville
Cloud, J. D. (1 E)*	Orlando, Fla.
Coakley, D. H. (1 A&S)	Washington, D. C.
Cobb, J. C. (2 TM)	Charlotte, N. C.
Cobb, T. E. (1 E-ME)	Lyman
Cobb, W. A. (4 TM)	Pelzer
Cobb, W. H. (1 E-CE)	Columbia
Cochran, L. M. (2 A-Dairy)	Anderson
Cochran, W. R. (3 Ind Ed)	Seneca
Cochran, W. T. (2 TE)	Greenville
Cockfield, T. A. (4 CE)	Scranton
Cofer, C. M. (2 Ag En)	Charlotte, N. C.
Cohen, E. D. (4 ME)	Charleston
Cohen, P. B. (2 A-Agron)	Waynesboro, Ga.
Coker, F. T. (4 TM)	Columbia
Coker, J. W. (1 A-AH)	Turbeville
Cole, J. O. (2 Arch)	Greenville
Coleman, A. J. (4 CE)	Saluda
Coleman, C. D. (2 CE)	Anderson
Coleman, C. E. (1 Chem)*	Brunswick, Ga.
Coleman, C. P. (1 E-CE)*	Greenwood
Coleman, T. E. (2 CE)	Mountville
Collings, T. A. (3 Pre-Med)	Clemson
Collins, J. M. (4 ME)	Greenville
Collins, R. F. (3 Ind Phys)	Greenville
Compton, C. J. (1 E-ME)	Hartsville
Compton, J. D. (1 T-TC)	Spartanburg
Cone, F. (2 VAE)	Coosada, Ala.
Coney, J. R. (4 Arch)	Columbia
Conn, J. R. (4 TE)	Woodruff
Connell, W. J. (1 T-TM)	Greenville
Connelly, G. W. (3 EE)	Newberry
Connolly, H. M. (3 TM)	Ware Shoals
Connor, J. D. (3 Pre-Med)	Walterboro
Connor, T. M. (4 Ag En & CE)	Bowman
Conte, A. L. (2 ME)	Central
Converse, S. W. (2 TM)	Spartanburg
Conyers, J. W. (1 T-TM)	Kershaw
Cook, D. L. (1 E-CE)*	Kershaw
Cook, J. H. (3 TM)	Travelers Rest
Cook, L. H. (4 Ind Phys)	Bishopville
Cook, O. C. (2 VAE)	Owings
Cook, P. A. (1 T-TM)*	Spartanburg
Cook, W. T. (2 VAE)	Owings
Cooler, D. B. (2 EE)	Plantersville
Cooper, H. M. (3 TE)	Greenville
Cooper, J. N. (4 Arch)	Washingtonville, N. Y.
Cooper, J. W. (4 ME)	Spartanburg
Cooper, L. R. (3 A&S)	Travelers Rest
Cooper, R. P. (3 VAE)	Andrews
Cooper, W. P. (2 TM)	Columbia
Copeland, G. P. (4 Agron)	Clinton
Corbett, W. E. (1 E-Ag En)	Mountville
Corey, H. S. (4 Ind Phys)	Asheville, N. C.
Corley, C. C. (3 Pre-Med)	Aiken
Corley, E. A. (2 A)	Greenwood
Corley, E. J. (4 TE)	Ninety Six
Corley, E. L. (4 Dairy)	Saluda
Corley, L. P. (4 TM)	Harrison, N. Y.
Corn, J. P. (4 VAE)	Greenville
Cornwell, M. M. (3 ME)	Fort Myers, Fla.
Cornwell, N. S. (3 Arch)	Fort Myers, Fla.
Costello, W. V. (2 A&S)	Georgetown
Cothran, E. E. (2 TM)	Sandy Springs
Cothran, J. B. (3 TM)	Sandy Springs
Cothran, J. E. (4 Arch)	Inman
Cothran, J. R. (3 Ag En)	Inman
Cothran, O. R. (3 VAE)	Pickens
Coursey, E. G. (2 ME)*	Clearwater
Coursey, J. T. (3 Ar En)	Charlotte, N. C.
Courtenay, S. J. (3 TE)	Greenville
Courtney, R. O. (2 CE)	Johnston
Cousins, W. R. (3 ME)	Newberry
Covington, J. F. (4 EE)	Clio
Covington, N. J. (2 EE)	Charlotte, N. C.
Cowan, D. E. (3 TM)	Abbeville
Cox, A. B. (2 TM)	Denmark
Cox, A. C. (S GS)	Dawson, Ga.
Cox, C. D. (4 ME)	Walhalla

Name and Course	Address
Cox, C. R. (2 A&S)	Camden
Cox, F. L. (3 AH)	Decatur, Ga.
Cox, G. H. (2 Ind Ed)	Easley
Cox, H. S. (1 Pre-Med)*	Belton
Cox, J. E. (3 CE)	Decatur, Ga.
Cox, J. F. (3 TE)	Marion
Cox, J. T. (PG CE)	Clinton
Cox, R. A. (2 ME)	Spartanburg
Cox, R. E. (1 A)	Yonges Island
Cox, W. C. (1 A&S)*	Marion
Cox, W. H. (4 Ag Ec)	Kingstree
Coxe, W. B. (3 TM)	Greenville
Coyle, H. B. (4 TE)	Gaffney
Cozart, J. G. (1 Pre-Med)*	Columbus, Ga.
Craig, D. L. (4 A&S)	Greenville
Craig, H. B. (4 AH)	Liberty
Craig, J. F. (3 Pre-Med)	Eastover
Craig, K. R. (2 Ar En)	Greenville
Craig, M. A. (3 ME)	Clover
Crandall, G. O. (1 T-TM)*	Clemson
Crane, W. T. (2 EE)	Savannah, Ga.
Cranston, J. C. (4 EE)	Augusta, Ga.
Crapse, H. M. (3 ME)	Estill
Crapse, J. L. (4 AH)	Estill
Craven, W. H. (3 Agron)	Bamberg
Crawford, B. L. (4 Ar En)	Chester
Crawford, C. M. (4 Chem)	Greenville
Crawford, D. E. (SG Ag Ec)	Clemson
Crawford, J. B. (1 A)*	Kelso, Tenn.
Crawford, J. H. (4 Hort)	Clemson
Crawford, J. M. (4 ME)	Spartanburg
Crawford, W. D. (2 TM)*	Spartanburg
Creech, H. L. (3 Dairy & Poul)	Olar
Creighton, C. S. (3 Ent)	North Augusta
Crenshaw, C. L. (4 Ag Ec)	Pendleton
Crenshaw, P. W. (1 E-CE)	Westminster
Cribb, J. T. E. (2 Pre-Med)	Spartanburg
Crim, J. E. (2 EE)	Greer
Crocker, J. L. (3 AH)	Union
Crocker, R. H. (1 T-TM)*	Union
Cromer, B. A. (2 TM)*	Anderson
Cromer, C. D. (1 VAE)*	Kinards
Cromwell, R. B. (3 A&S)	Chester
Crosland, L. K. (2 Pre-Med)	Bennettsville
Cross, D. E. (4 EE)	Georgetown
Crouch, R. W. (3 TE)	Greenville
Crowe, R. N. (3 Arch)	Greenwood
Crump, E. L. (2 ME)	Newberry
Cudd, R. H. (1 T-TM)*	Spartanburg
Cudworth, T. F. (3 CE)	Greensboro, N. C.
Culp, R. B. (2 VAE)*	Waxhaw, N. C.
Culp, T. W. (1 A-Agron)	Fort Mill
Cummings, G. N. (2 CE)	Summerville
Cureton, F. M. (3 TM)	Union
Cureton, J. C. (2 TM)	Clemson
Cureton, W. M. (4 Arch)	Union
Curley, J. P. (3 TE)	Augusta, Ga.
Currie, E. G. (1 VAE)	Lake View
Currie, L. G. (2 A-Ag Ec)	Clio
Curry, J. M. (2 A-Agron)	Gray Court
Cushman, J. E. (2 A-Dairy)	Chester
Dabney, F. D. (1 E-ME)	Rock Hill
Dabney, W. D. (1 A-AH)*	Lancaster
Dalton, A. A. (4 ME)	Seneca
Dalton, J. A. (4 A&S)	Seneca
Dameron, R. M. (2 Ch En)	Greenville
Damiano, G. (1 E-CE)*	Providence, R. I.
Daniel, G. G. (1 Ar En)	North Augusta
Daniel, H. G. (3 Ch En)	Charlotte, N. C.
Daniel, J. D. (4 VAE)	Lake City
Danner, B. C. (1 E-ME)	Jonesville
Danner, O. F. (3 A&S)	Jonesville
Darby, G. M. (1 E-CE)	Mount Pleasant
Darby, W. E. (3 A&S)	Fort Motte
Dargan, A. S. (4 ME)	Darlington
Darlington, S. P. (4 ME)	Mount Pleasant
Davenport, J. A. (2 ME)	Germantown, Tenn.
Davenport, R. E. (4 A&S)	Anderson
Davis, C. E. (2 TM)	Greenwood
Davis, C. W. (2 EE)*	Waynesville, N. C.
Davis, D. L. (3 Chem)	Greer
Davis, E. L. (4 TM)	Pelzer
Davis, G. L. (1 E-TE)	Waban, Mass.
Davis, H. (1 VAE)	Townville
Davis, J. E. (1 T-TM)	Seneca
Davis, J. M. (3 VAE)	Norway
Davis, L. R. (4 CE)	Chicago, Ill.
Davis, M. V. (3 ME)	Wedgefield
Davis, N. E. (3 AH)	Mullins
Davis, P. C. (1 E-CE)	Greer
Davis, R. (3 VAE)	Johns Island
Davis, R. E. (3 TM)	Fountain Inn
Davis, R. S. (3 TM)	South Boston, Va.
Davis, V. G. (4 EE)	Greer
Davis, W. C. (1 VAE)*	Furman
Davis, W. L. (4 ME)	Easley
Davis, W. M. (1 A&S)*	Greenwood
Dawkins, J. R. (2 TE)	Prosperity
Dawsey, J. W. (1 VAE)*	Aynor
Deanhardt, L. C. (2 TM)	Belton
Dearman, W. P. (2 EE)	Greenville
Deas, B. F. (2 TM)	Rock Hill
Deas, J. W. (3 ME)	Rock Hill
Deason, F. P. (2 TM)	McCormick
Deason, J. T. (3 TM)	McCormick
Debski, J. Z. (1 A-Poul)*	Irvington, N. J.
Dees, E. L. (1 Arch)	Blenheim
Dees, W. M. (2 A-Hort)	Blenheim
Deese, L. M. (1 T-TM)	Chester
DeGrado, C. J. (1 T-TC)*	Paterson, N. J.
Delk, W. S. (1 T-TM)	Greenville
DeLoach, G. E. (2 TM)	Beaufort
DeLoach, R. L. (3 ME)	Beaufort
DeLoach, W. W. (3 TM)	Columbia
DeLorme, C. S. (1 A&S)*	Dovesville
DeLorme, H. M. (4 Ent)	Columbia
Demosthenes, S. A. (4 CE)	Beaufort
Dempsey, C. L. (1 Arch)*	Naval Base
Dempsey, G. (1 E-Ch En)*	Augusta, Ga.
Dennis, T. W. (1 E-CE)	Johnsonville
Denson, W. C. (1 E-ME)*	Orlando, Fla.
Dent, J. E. (2 TM)	Columbia
Denton, D. W. (4 CE)	Decatur, Ga.
Derieux, W. T. (3 Poul)	Blythewood
DesChamps, W. P. (4 CE)	Bishopville
Deviney, W. E. (3 Ag Ec)	Rutherfordton, N. C.
Devlin, G. M. (3 ME)	Greenwood
DeVore, W. N. (4 CE)	Ninety Six
Dewberry, W. E. (1 T-TM)	Elberton, Ga.
Dey, W. H. (1 E-EE)	Jacksonville, Fla.
DeYoung, L. B. (3 Hort)	Clemson
Diamond, G. (2 TM)	Taunton, Mass.
Dibble, L. M. (4 EE)	Orangeburg
Dickert, H. D. (2 EE)	Savannah, Ga.
Dickson, James F. (1 E-ME)*	York
Dickson, John F. (3 Ind Phys)	Rock Hill
Dilfield, R. E. (3 Arch)	Newport News, Va.
Dillard, E. L. (1 VAE)*	Six Mile
Di Marzo, J. M. (2 CE)	West Orange, N. J.
Dimucci, D. M. (1 A)*	McKeesport, Pa.
Dinkins, J. G. (4 AH)	Manning
DiStefano, E. E. (1 E-CE)*	Providence, R. I.
Dixon, L. C. (1 Chem)*	Union
Dixon, L. F. (4 TE)	Greenville
Dixon, W. H. (2 TM)*	Brevard, N. C.
Dixon, W. L. (2 EE)	Sumter
Doar, L. H. (1 E-Ch En)*	Fort Knox, Ky.

Name and Course	Address
Dobbins, J. P. (3 Ind Phys)	Spartanburg
Dobson, C. S. (1 E-EE)	Greenville
Dobson, J. W. (3 Agron)	Central
Dobson, R. T. (1 T-TM)	Central
Dodgen, W. D. (1 T-TM)	York
Dodson, C. A. (4 Chem)	Greenville
Doffort, J. H. (1 E-EE)	Washington, D. C.
Donegan, T. D. (3 A&S)	Woodruff
Donkle, I. L. (4 TM)	Greenville
Donovan, R. D. (3 Ag En)	Birmingham, Ala.
Dorn, M. D. (3 EE)	Greenwood
Dorsey, M. H. (4 TE)	Naval Base
Douglas, R. L. (1 E-EE)*	Washington, D. C.
Douglass, G. G. (3 TM)	Winnsboro
Douglass, H. A. (3 Ag Ec)	Columbia
Dowis, J. R. (1 Arch)*	Spartanburg
Dowis, W. S. (4 Arch)	Spartanburg
Doyle, C. B. (3 Ent)	Anderson
Dozier, F. E. (1 E-CE)*	Brunswick, Ga.
Drafts, J. T. (2 Ar En)	Lexington
Drake, B. F. (3 Agron)	Pelzer
Drake, O. D. (1 E-CE)*	Greenville
Drake, O. K. (2 TM)*	Indianapolis, Ind.
Drake, W. H. (2 EE)	Donalds
Driggers, A. N. (1 VAE)	Walterboro
DuBose, C. R. (3 Ag En)	Ellenton
Duckworth, R. J. (3 TM)	Westminster
Duckworth, R. M. (2 Ar En)	Westminster
DuCom, E. L. (2 ME)	Sumter
Dugan, J. D. (3 ME)	Easley
Dugger, P. E. (3 Arch)	Columbia
Duke, L. M. (2 Pre-For)	McClellanville
Dukes, D. E. (3 Ind Ed)	Orangeburg
Dukes, H. L. (1 T-TC)	Newberry
Dukes, W. F. (4 Pre-Med)	Branchville
Dumas, A. L. (2 TE)	Rockmart, Ga.
Dunaway, T. W. (4 Chem)	Thomaston, Ga.
Duncan, B. A. (2 TM)	Six Mile
Duncan, F. H. (1 E-ME)	Clemson
Duncan, H. H. (1 E-EE)*	Anderson
Duncan, J. D. (4 Ag Ec)	Loris
Duncan, R. E. (2 ME)	Callison
Duncan, R. M. (3 ME)	Union
Duncan, W. G. (1 Ar En)*	Greenwood
Dunlap, H. L. (4 ME)	Rock Hill
Dunn, D. L. (2 EE)	Warrenville
Dunn, G. R. (1 E)*	Bethlehem, Pa.
Dunn, J. C. (2 TE)	Central
Dunn, J. H. (1 E-TE)	North Augusta
Durden, G. C. (2 EE)	Augusta, Ga.
Durgin, T. L. (1 E-CE)*	Washington, D. C.
Dusenberry, F. C. (3 TM)	Donalds
Duvall, R. W. (3 Chem)	Cheraw
Dwight, R. C. (1 E-EE)*	Sumter
Dyches, H. M. (1 E-TE)*	Aiken
Dyer, C. A. (4 TC)	Charleston
Eargle, J. C. (3 Ch En)	Parr
Earle, G. C. (2 ME)	Washington, D. C.
Earle, H. U. (4 TE)	Walhalla
Earle, J. R. (4 Pre-Med)	Walhalla
Early, J. D. (1 A-Ent)	Florence
Earnhardt, M. M. (4 Ch En)	Kannapolis, N. C.
Eason, H. L. (1 A-AH)	Sumter
Easterling, E. M. (1 Arch)*	Columbia
Easterling, J. L. (2 A-Agron)	Hartsville
Eberhart, H. C. (3 ME)	Anderson
Eckman, L. M. (1 T)*	Jesup, Ga.
Edens, J. A. (4 TE)	Summerton
Edney, E. P. (3 Ar En)	Charleston
Edwards, A. Y. (1 T-TM)	Seneca
Edwards, B. F. (2 ME)	Abbeville
Edwards, D. C. (4 ME)	Fountain Inn
Edwards, L. L. (3 Ag En)	Marion
Edwards, W. H. (2 Pre-For)	Starke, Fla.
Ehrharlt, H. S. (1 E-EE)*	Ehrhardt
Elder, M. H. (1 E-Ag En)*	Atlanta, Ga.
Eleazer, G. W. (3 TM)	Columbia
Ellenburg, J. E. (1 T-TM)*	Spartanburg
Elliott, W. H. (2 A-AH)	Summerville
Ellis, D. H. (1 E-EE)	Spartanburg
Ellis, W. J. (1 Pre-Med)	Greenwood
Ellis, W. R. (2 EE)	Anderson
Ellison, L. A. (3 ME)	Great Falls
Ellison, R. C. (3 TC)	Lancaster
Ellison, W. R. (2 EE)	Anderson
Elmore, G. F. (4 Hort)	Greer
Elms, D. F. (4 TM)	Fort Mill
Elrod, A. C. (4 ME)	Walhalla
Elrod, M. C. (4 TM)	Piedmont
Elrod, R. F. (1 E-EE)	Piedmont
Elrod, W. C. (4 ME)	Walhalla
Elsmore, S. E. (1 T-TM)*	Kingsport, Tenn.
Emerson, J. H. (3 TC)	Atlanta, Ga.
Emory, W. C. (3 Ind Phys)	Gastonia, N. C.
Enloe, W. P. (4 TM)	Roanoke, Ala.
Epps, C. O. (3 Ag En)	Latta
Epps, F. Q. (2 Ag En)	New Zion
Epps, S. (4 TM)	Fort Mill
Erkes, G. R. (4 TM)	Rock Hill
Ervin E. L. (1 T-TM)*	Pelzer
Ervin, J. B. (2 CE)	Florence
Ervin, S. F. (2 A-Agron)	Florence
Erwin, A. M. (4 TM)	Abbeville
Eskew, T. E. (3 TE)	Whitmire
Eskridge, K. C. (2 Pre-Med)	Cheraw
Eskridge, W. (4 CE)	Cheraw
Estes, A. C. (2 TM)	Winnsboro
Estes, B. G. (2 TC)	Ware Shoals
Estes, S. R. (3 Hort)	Greenville
Estridge, I. M. (4 AH)	Lancaster
Eubanks, C. L. (1 E-ME)*	Summerville
Eubanks, H. O. (2 Arch)*	Augusta, Ga.
Eubanks, L. (4 TM)	Graniteville
Eubanks, W. S. (2 A-AH)	Blackville
Euwer, D. B. (S GS)	Greenville
Evans, C. (1 A)*	Central
Evans, C. D. (S)	Holly Hill
Evans, C. H. (2 EE)	North Charleston
Evans, D. L. (3 AH)	Holly Hill
Evans, E. L. (1 VAE)	Pamplico
Evans, J. L. (1 T-TM)*	West Orange, N. J.
Evans, J. R. (3 ME)	Anderson
Evans, J. W. (3 TM)	Pinewood
Evans, W. C. (2 TM)	Clemson
Evans, W. D. (2 Ag En)	Kingstree
Evatt, A. H. (1 T-TM)	Easley
Evatt, T. R. (2 Ag En)	Seneca
Ezell, B. B. (PG Arch)	Spartanburg
Ezell, H. K. (S)*	Clemson
Facchin, G. J. (2 A&S)	Brentwood, Mo.
Faile, B. M. (4 VAE)	Kershaw
Fair, H. H. (3 TC)	Greenville
Fair, J. H. (3 A&S)	St. Matthews
Fairey, J. M. (2 A&S)	Charleston
Fairey, T. B. (4 EE)	Orangeburg
Fairey, W. S. (2 A-AH)	Orangeburg
Falkner, I. L. (3 Ind Phys)	Charlotte, N. C.
Falls, H. (4 AH)	Asheville, N. C.
Fanning, M. H. (3 VAE)	Newberry
Fanning, W. H. (1 Arch)	Columbia
Fant, A. R. (4 Arch)	Anderson
Fant, C. W. (4 Arch)	Anderson
Fant, G. C. (4 A&S)	Anderson
Farmer, J. A. (4 CE)	Anderson
Farmer, J. E. (1 E-CE)*	Pickens
Farmer, J. M. (3 TM)	Anderson
Farmer, K. B. (2 Ch En)	Tomotla, N. C.

Name and Course	Address
Farmer, L. P. (3 EE)	Spartanburg
Farmer, R. E. (4 Arch)	Anderson
Farris, W. E. (4 EE)	Rock Hill
Farriss, C. W. (3 ME)	Charlotte, N. C.
Faucett, J. W. (2 Pre-Med)	Union
Faulkner, H. G. (1 VAE)	Clover
Feemster, T. R. (1 E-TE)*	East Gastonia, N. C.
Fellers, Q. H. (3 TM)	Prosperity
Fellers, R. H. (3 Arch)	Newberry
Fendley, J. E. (3 TM)	Westminster
Fendley, T. L. (1 E-CE)*	Anderson
Fennell, J. E. (3 EE)	Hardeeville
Ferguson, G. R. (2 ME)	Bowling Green
Ferguson, J. C. (2 EE)	West Asheville, N. C.
Ferguson, R. W. (2 CE)*	Belmont, N. C.
Ferguson, T. C. (2 EE)*	Greenville
Ferguson, T. M. (3 A&S)	York
Ferguson, W. L. (3 Arch)	Spartanburg
Few, B. E. (2 ME)	Pickens
Few, R. A. (4 ME)	Greer
Ficken, G. E. (2 VAE)	Early Branch
Fickling, A. H. (1 A)*	Ridgeland
Fickling, H. E. (2 A-AH)	Ridgeland
Fields, D. A. (1 E-CE)*	Society Hill
Fields, H. M. (1 A-AH)*	Wilson, N. C.
Fields, L. J. (4 VAE)	Lamar
Finley, G. L. (3 EE)	Anderson
Fisher, L. (4 TE)	Belton
FitzSimons, F. L. (4 Ag En)	Hendersonville, N. C.
Fleisher, B. (1 T-TM)	Waterbury, Conn.
Fleming, C. L. (1 T-TM)	Abbeville
Fleming, G. R. (3 TM)	Chester
Fleming, M. L. (1 E-EE)*	Spartanburg
Fletcher, J. W. (4 VAE)	McColl
Florence, O. G. (3 ME)	Wrens, Ga.
Flowers, F. M. (1 A-Agron)	Darlington
Flowers, J. P. (3 Ag En)	Darlington
Floyd, L. W. (4 AH)	Manning
Floyd, P. R. (4 CE)	Greenville
Flynn, G. S. (4 Ind Ed)	Lancaster
Foard, R. M. (1 E-CE)*	Charlotte, N. C.
Foard, W. W. (4 ME)	Marion
Folk, E. W. (1 E-Ch En)	Simpsonville
Folk, J. M. (1 T-TM)	Bamberg
Folks, J. J. (1 E-TE)*	Inverness, Fla.
Fooshe, W. K. (2 TM)	Hodges
Forbes, C. S. (1 A&S)*	Washington, D. C.
Ford, D. M. (2 EE)	Clover
Fore, F. C. (1 VAE)*	Mullins
Foreman, F. L. (4 Agron)	Ellenton
Forlidas, N. J. (1 E-TE)*	Spartanburg
Foster, D. A. (4 Pre-Med)	Greenwood
Foster, Harold B. (2 A-Hort)	Chesnee
Foster, Hugh B. (4 TM)	Spartanburg
Foster, J. B. (2 A&S)	Woodruff
Foster, L. F. (2 TM)*	Arcadia
Foster, P. F. (4 TM)	Fountain Inn
Foster, R. R. (4 VAE)	Chesnee
Foster, T. D. (2 Chem)	Spartanburg
Foster, T. S. (3 CE)	Greenville
Foster, W. R. (3 Ar En)	Greenville
Fowler, H. E. (2 VAE)*	Greer
Fowler, J. B. (2 ME)	Greenville
Fowler, J. F. (1 E-Ag En)	Lockhart
Fowler, R. D. (3 TM)	Anderson
Fowler, W. (3 EE)	Pacolet Mills
Fowler, W. C. (2 Arch)*	Mullins
Fox, W. I. (4 Ch En)	Anderson
Foy, H. B. (3 Arch)	Waynesville, N. C.
Fraissor, J. (2 EE)	Whitmire
Fraley, V. V. (1 Pre-For)*	Florence
Fralick, O. H. (2 ME)	Walterboro
Franks, H. L. (3 CE)	Greenville
Fraser, H. E. (1 Pre-Med)*	Washington, D. C.
Fraser, W. T. (4 TM)	Greenville
Freeland, M. C. (2 Pre-For)	Plum Branch
Freeman, C. E. (4 AH)	Liberty
Freeman, E. A. (4 CE)	Clemson
Freeman, J. E. (1 E-ME)*	Greenville
Freeman, W. H. (1 A-Hort)*	Liberty
Freudenberger, O. L. (1 E-CE)*	St. Petersburg, Fla.
Friar, J. S. (1 E-ME)*	Montmorenci
Friar, R. G. (4 TE)	Montmorenci
Frick, R. K. (3 Ind Phys)	Spartanburg
Frick, W. H. (4 TM)	Newberry
Fricke, D. K. (1 A)*	Baldwin, N. Y.
Friend, J. C. (1 E-ME)*	Anderson
Frierson, J. A. (1 E-CE)	Summerton
Frierson, J. L. (2 A-Hort)	Westminster
Fripp, W. E. (3 Ar En)	Florence
Fullum, W. J. (1 T-TM)*	Brooklyn, N. Y.
Fulmer, J. S. (2 TC)	Greenville
Fulmer, M. A. (2 Ind Ed)*	Saluda
Funchess, M. D. (3 Ag En)	Rowesville
Furr, E. F. (3 Pre-Med)	Rock Hill
Furse, G. H. (3 VAE)	Summerton
Gabriel, N. R. (2 Ar En)	Memphis, Tenn.
Gaddy, J. D. (3 TM)	McColl
Gaddy, J. M. (2 TM)*	Bennettsville
Gage, G. (2 TE)	Clemson
Gage, R. (4 TM)	Anderson
Gailey, C. W. (2 TM)	Anderson
Gaillard, J. W. (3 TM)	Walhalla
Gaillard, W. H. D. (2 EE)	Florence
Gainer, C. E. (4 Ind Ed)	Lancaster
Gaines, H. P. (3 TM)	Honea Path
Gaines, J. C. (2 ME)	Liberty
Gaines, J. O. (3 Agron)	Townville
Gaines, J. R. (3 TM)	Liberty
Gaines, W. A. (4 ME)	Central
Gale, A. D. (2 CE)	Brunswick, Ga.
Gamble, W. A. (3 VAE)	Charleston
Gambrell, C. B. (4 TE)	Birmingham, Ala.
Gambrell, C. H. (2 EE)	Greenville
Gambrell, F. M. (3 Ag En)	Pendleton
Gambrell, H. L. (2 TM)	Pendleton
Gambrell, H. M. (2 Ag En)	Owings
Gammon, J. T. R. (1 T-TM)	Mayesville
Gandy, V. (2 A-AH)	Florence
Ganyard, T. H. (1 E-ME)*	Miami, Fla.
Gardner, G. N. (2 TM)	Kershaw
Gardner, J. E. (4 TM)	Joanna
Gardner, J. M. (2 Ind Ed)	Hartsville
Gardner, R. W. (2 Ag En)	Pritchardville
Garner, F. A. (2 A-Agron)*	Ashburn, Ga.
Garrard, J. E. (2 Arch)	Chattanooga, Tenn.
Garren, C. H. (2 TM)	Calhoun, Ga.
Garren, D. H. (2 ME)	Easley
Garren, J. W. (1 Arch)*	Spartanburg
Garrett, J. B. (3 TM)	Woodruff
Garrett, J. L. (4 TM)	Belton
Garrett, J. P. (4 A&S)	Greenville
Garrett, R. H. (1 A&S)	Greenville
Garrison, A. F. (4 TC)	Hartwell, Ga.
Garrison, E. W. (1 T-TM)	Sandy Springs
Garrison, R. E. (2 TM)	Greenville
Garvin, P. M. (4 Ag En)	Greenwood
Garvin, T. E. (1 A-Ag Ec)	Salley
Gasaway, G. P. (3 TM)*	Jefferson, Ga.
Gasque, R. B. (4 Arch)	Marion
Gaston, G. L. (1 Arch)*	Blacksburg
Gaston, J. M. (2 A-Dairy)	Richburg
Gaston, M. (4 Ag En)	Duncan
Gaston, W. W. (4 AH)	Richburg
Gatlin, K. A. (2 A&S)	Newberry

M E 411—Heat Power—3 cr. (3 and 0)

Organization of steam, Diesel and hydro power plants with reference to the design and performance characteristics of the individual pieces of apparatus involved, variable load, costs, and economics. Buildings and foundations are briefly covered. *Prerequisite*: M E 312

Mr. Fernow

M E 412—Heat Power—3 cr. (3 and 0)

A continuation of M E 411, stressing the design, arrangement and economic justification of the boilers, prime movers, condensers, fuel handling equipment, stokers, pulverized fuel equipment, combustion, refuse handling equipment, fans, chimneys, water treatment, water heaters and deaerators, pumps, feed water regulation and the piping system design and layout. *Prerequisite*: M E 411

Mr. Mills

M E 413—Heat Power Laboratory—2 cr. (0 and 6)

A practical application of the theory covered in M E 411. Performance tests of steam turbines, blowers, pumps, boilers, refrigeration plants, and hydraulic turbines are studied. *Prerequisite*: M E 314 and enrollment in M E 411

Mr. Watson Mr. Mills Mr. Carmichael

M E 414—Heat Power Laboratory—2 cr. (0 and 6)

Testing of all types of internal combustion engines, auxiliaries, and fuels. *Prerequisite*: M E 413

Mr. Lewis Mr. Edwards

M E 417—Design—2 cr. (1 and 3)

The solution of a variety of engineering problems under guidance to familiarize the student with the kind of work he may be called on to do after his first induction into industry. Completeness and orderly and logical work are stressed. *Prerequisite*: Enrollment in M E 411

Mr. Mills

M E 418—Design—2 cr. (1 and 3)

A continuation of M E 417. *Prerequisite*: Enrollment in M E 412

Mr. Hudson

M E 420—Administration—3 cr. (3 and 0)

Instruction in the principles of organizing, financing, and incorporating business enterprises; organization of the manufacturing establishment; buying and selling; contracts, accounting; management problems. *Prerequisite*: Senior standing

Mr. Sams

M E 421—Gas Engines—3 cr. (3 and 0)

Theoretical and actual cycles, performance characteristics, fuels, combustion, cooling, dynamics, ignition and injection of the two and four stroke cycle spark ignition and compression ignition engine. *Prerequisite*: M E 311 and 312

Mr. Lewis

M E 423—Gas Engine Design—1 cr. (0 and 3)

Limits and requirements in the design of both air cooled and liquid cooled spark ignition and compression ignition engines, the principle of similitude, detail design and sketching of the engine parts and an assembly drawing of an engine. *Prerequisite*: D D 306, M E 311, 312, and enrollment in M E 421

Mr. Lewis

M E 426—Steam Turbines—3 cr. (3 and 0)

Structural features, performance, and design of all types of steam turbines. *Prerequisite*: M E 312

Mr. Fernow

M E 428—Turbine Design—1 cr. (0 and 3)

Complete design of nozzle and blade elements of impulse and reaction steam turbines. *Prerequisite*: Enrollment in M E 426

Mr. Fernow

M E 429—Heating and Ventilation—2 cr. (2 and 0)

A study of the principles of heating and ventilation with emphasis on the following topics: factors affecting human comfort, the theory of heat transfer and the calculation of heat transmission coefficients, heat

Name and Course	Address
Hill, R. L. (2 EE)*	Anderson
Hill, T. A. (3 Ag En)	Florence
Hilla, E. A. (2 Arch)	Newark, N. J.
Hiller, J. W. (1 Arch)*	Greenville
Hiller, R. E. (3 Ind Phys)	Greenville
Hilton, A. W. (2 VAE)	Kershaw
Hindman, C. C. (4 EE)	Greenville
Hines, J. R. (1 A&S)*	St. Petersburg, Fla.
Hinson, D. R. (1 T-TM)*	Kershaw
Hinson, J. C. (1 Ind Ed)	Columbia
Hinson, J. F. (1 E-ME)	Lynchburg
Hinton, C. R. (1 A-AH)	Ninety Six
Hodge, C. R. (3 Ent)	Alcolu
Hodge, S. E. (3 CE)	Georgetown
Hodges, W. A. (2 Pre-Med)	Mullins
Hoffmann, F. C. (1 T-TM)	New York, N. Y.
Hoffmann, R. C. (3 TM)	Greenville
Hoffmann, R. M. (3 Pre-Med)	Fountain Inn
Hogan, C. S. (3 EE)	North Augusta
Hogg, H. R. (1 A)*	Hillside, N. J.
Hoke, H. R. (4 TE)	Newton, N. C.
Holcombe, B. F. (2 ME)	Central
Holcombe, C. W. (3 TE)	Greenville
Holcombe, F. J. (1 A)*	Summit, N. J.
Holcombe, W. G. (4 ME)	Greenville
Holder, R. (3 Dairy)	Union
Holladay, C. H. (3 Ind Ed)	Sumter
Holley, E. E. (1 A-AH)	Aiken
Holley, J. R. (2 A&S)	Aiken
Holley, R. H. (3 Agron)	Aiken
Holliday, C. A. (2 VAE)	Six Mile
Holliday, J. J. (1 Pre-Med)*	Florence
Holliday, W. F. (1 E-ME)*	Piedmont
Hollis, C. E. (2 TM)	Central
Hollis, E. J. (4 TM)	Chester
Hollis, J. T. (3 Arch)	Union
Hollis, N. M. (4 TM)	Rock Hill
Holshouser, W. A. (3 A&S)	Erwin, Tenn.
Honeycutt, R. G. (2 TC)	Marion, N. C.
Hood, C. D. (1 E-EE)	McCormick
Hood, R. W. (3 EE)	Greenville
Hood, W. C. (3 Ch En)	Easley
Hooper, J. B. (1 T-TM)	Anderson
Hooton, W. A. (2 TM)	North Augusta
Hoover, J. A. (1 E-ME)	North Charleston
Hope, R. M. (1 A-Poul)	Rock Hill
Hopkins, A. R. (3 Ent)	Pendleton
Hopper, I. D. (3 TM)	Chester
Hord, H. E. (2 EE)	Sharon
Horne, B. S. (2 Ch En)	Charleston
Horne, C. C. (2 EE)	Charleston
Hornick, F. J. (1 VAE)	Fair Play
Horton, E. M. (3 ME)	Spartanburg
Houston, W. M. (3 CE)	Easley
Howard, A. M. (3 Ind Phys)	Greenville
Howard, C. C. (3 VAE)	Pickens
Howard, H. E. (1 E-ME)	Charleston
Howell, C. L. (2 EE)	Greer
Howell, J. I. (3 Pre-Med)	Spartanburg
Howell, K. P. (2 A-Ag Ec)	Conway
Howell, N. A. (3 TE)	College Park, Ga.
Howell, W. F. (4 EE)	Lancaster
Howle, D. M. (2 Ag En)	Darlington
Howle, T. L. (3 TC)	Florence
Huckabee, J. L. (3 TE)	Marion
Hucks, C. B. (3 EE)	Savannah, Ga.
Hucks, C. C. (1 E-ME)	Aynor
Hucks, E. (4 VAE)	Aynor
Hudgens, J. M. (2 EE)	Laurens
Hudson, B. E. (4 TM)	Greenville
Hudson, D. J. (3 Ar En)	Greenville
Hudson, H. A. (2 VAE)	Walhalla
Hudson, J. W. (1 T-TM)*	Greenville
Hudson, P. B. (3 TM)	West Union
Hudson, R. L. (1 E-EE)	North Charleston
Hudson, Richard W. (3 EE)	Sumter
Hudson, Robert W. (1 A&S)	North Charleston
Huff, C. E. (2 TM)	Woodruff
Huff, C. H. (1 A&S)*	Hartsville
Huff, O. F. (3 Agron)	Branchville
Huffman, J. L. (2 VAE)	Newberry
Huffman, S. J. (2 EE)	Charleston
Huggins, K. L. (1 E-ME)*	Mullins
Huggins, N. P. (1 Pre-For)	Mullins
Hughes, F. E. (2 TM)	Charlotte, N. C.
Hughes, R. A. (2 EE)	Hartsville
Hughes, R. L. (1 VAE)	Edgefield
Hughey, H. D. (3 TE)	Greer
Huguley, B. L. (1 T-TM)*	McCormick
Huiet, G. E. (4 Arch & Hort)	Trenton
Hull, P. D. (4 Ind Ed)	Westminster
Hulon, H E. (1 T-TM)	Union
Humphries, W. B. (4 A&S)	Gaffney
Hunnicutt, J. A. (4 Ar En)	Greenville
Hunsuck, E. E. (3 Pre-Med)	Whitney
Hunsuck, W. F. (3 ME)	Whitney
Hunt, J. F. (3 Ed)	Liberty
Hunter, J. E. (4 EE)	Columbia
Hunter, J. R. (3 Arch)	Lancaster
Hunter, J. T. (4 A&S)	Marion
Hunter, J. W. (1 A-AH)	Liberty
Huot, P. A. (1 Arch)*	Turtle Creek, Pa.
Hurley, R. C. (2 TM)	Greenville
Hutchings, J. M. (4 EE)	Norwood, Ohio
Hutchins, D. C. (2 VAE)	Walhalla
Hutchinson, C. G. (2 VAE)	Nichols
Hutto, D. L. (1 VAE)*	Salem
Hyder, T. A. (3 VAE)	Spartanburg
Hyland, C. M. (2 Arch)*	Wollaston, Mass.
Inabinet, H. S. (1 A-Ag Ec)	Swansea
Inabinet, J. R. (4 TM)	St. Matthews
Inabinet, J. W. (4 Arch)	Bowman
Ingle, H. (1 Ind Ed)*	Erwin, Tenn.
Ingle, J. A. (3 TC)	Asheville, N. C.
Ingram, C. H. (4 ME)	Hartsville
Inman, C. M. (2 A-AH)	York
Ireland, C. P. (1 A)*	Savannah, Ga.
Irwin, W. R. (4 ME)	Spartanburg
Isaacs, O. F. (1 Ind Ed)	Chester
Isenhour, G. R. (1 T-TM)	Hickory, N. C.
Ivester, J. M. (3 TM)	Greenville
Ivester, J. R. (4 Pre-Med)	Walhalla
Ivey, S. A. (4 A&S)	Downers Grove, Ill.
Ix, F. W. (4 TM)	Charlottesville, Va.
Ix, J. A. (2 TM)	Charlottesville, Va.
Jack, G. B. (2 ME)	South Salem, N. Y.
Jackson, J. C. (4 VAE)	Camden
Jackson, J. M. (3 ME)	Rock Hill
Jackson, J. P. (4 Agron)	Sumter
Jackson, J. W. (1 E-ME)*	Graniteville
Jackson, R. S. (3 VAE)	Manning
Jackson, S. L. (1 A-Dairy)*	Tabor City, N. C.
Jackson, T. A. (3 TM)	Great Falls
Jackson, T. F. (2 A-AH)	Clover
Jackson, W. F. (1 Arch)	Rock Hill
Jackson, W. M. (1 Ar En)	Washington, D. C.
Jacobs, J. C. (4 TM)	Greenville
Jacobs, R. F. (2 ME)	West Columbia
Jacques, J. R. (SG)	Ware Shoals
Jaffe, S. (1 E-EE)*	Charleston
James, C. F. (1 T-TM)	Central
James, J. H. (2 ME)	Statesville, N. C.
James, J. J. (3 TM)	Pendleton
James, L. W. (4 Agron)	Anderson
James, N. A. (1 A-Ag Ec)	Loris
James, W. L. (1 E-CE)	Manning
Jameson, D. M. (4 Ag En)	Greenville
Jameson, H. D. (1 E-Ag En)*	Easley

Name and Course	Address
Jameson, J. M. (1 A)*	Liberty
Jarrett, F. A. (2 TM)	Chester
Jeffcoat, G. C. (3 ME)	Cope
Jeffcoat, N. F. (4 VAE)	Swansea
Jefferies, C. J. (1 T-TM)*	Burlington, N. C.
Jefferies, R. H. (3 Pre-For)	Chapin
Jeffords, C. Q. (2 ME)	Florence
Jeffords, C. R. (1 E-ME)	Atlanta, Ga.
Jeffords, F. Y. (2 VAE)	Timmonsville
Jeffords, L. G. (3 Ag En)	Timmonsville
Jeffords, T. H. (1 A-Agron)	Florence
Jeffords, W. I. (4 EE)	Florence
Jenkins, D. M. (4 EE)	Union
Jenkins, E. M. (4 ME)	Osborn
Jenkins, H. S. (3 Hort)	Wadmalaw Island
Jenkins, J. S. (3 ME)	Gastonia, N. C.
Jenkins, L. M. (3 Ch En)	Kline
Jenkins, M. C. (3 Agron)	Allendale
Jenkins, W. H. (4 Agron)	Kline
Jenkins, W. J. (2 A-Hort)	Osborn
Jennings, B. B. (2 EE)	Lowndesville
Jester, A. H. (4 EE)	Greenwood
Jeter, A. P. (4 Pre-Med)	Rock Hill
Jewell, J. F. (1 Arch)*	Malverne, N. Y.
Johns, E. M. (3 TM)	Spartanburg
Johnson, A. B. (4 CE)	Spartanburg
Johnson, C. L. (2 Arch)	Sumter
Johnson, C. M. (1 E-CE)*	Tampa, Fla.
Johnson, D. L. (4 VAE)	Windsor
Johnson, F. M. (1 A-Ag Ec)*	Effingham
Johnson, H. T. (2 VAE)	Inman
Johnson, J. A. (3 TM)	Warrenville
Johnson, J. E. (2 ME)	Reidsville, N. C.
Johnson, J. K. (3 ME)	Clinton
Johnson, J. R. (4 TM)	Greenville
Johnson, J. T. (4 Agron)	Lynchburg
Johnson, R. A. (4 ME)	Pelzer
Johnson, R. B. (1 A-AH)*	Sumter
Johnson, W. C. (4 VAE)	Edgefield
Johnson, W. V. (1 E-ME)	Greenville
Johnston, J. F. (1 A&S)*	Greenville
Johnston, J. M. (4 EE)	Greenville
Johnston, L. L. (4 ME)	Graniteville
Johnston, L. S. (1 Ar En)*	Greenville
Johnston, T. E. (3 VAE)	Moncks Corner
Jolly, J. (2 ME)	Gaffney
Jones, A. L. (2 Ag En)	Saluda
Jones, C. E. (1 T-TM)	Gaffney
Jones, C. L. (1 T-TM)	Ridgeway
Jones, C. R. (SG ME)	Ashton
Jones, D. C. (4 CE)	Barnwell
Jones, D. M. (2 A-Agron)	Glenn Springs
Jones, E. D. (3 TM)	Greer
Jones, E. H. (3 Ind Ed)	Great Falls
Jones, G. L. (1 A)	Pamplico
Jones, G. R. (2 Pre-Med)	Buffalo
Jones, G. W. (2 TM)	Bishopville
Jones, James D. (3 TM)	Fort Mill
Jones, Joseph D. (3 ME)	Marietta
Jones, J. H. (3 TM)	Spartanburg
Jones, J. O. (2 TM)	Greenville
Jones, M. W. (SG EE)	Spartanburg
Jones, O. B. (4 EE)	Greenville
Jones, P. H. (1 A-Agron)	Mullins
Jones, R. L. (1 E-Ch En)*	Greer
Jones, R. W. (3 Ar En)	Spartanburg
Jones, T. O. (3 TE)	Newberry
Jordan, A. B. (3 Ind Ed)	Bishopville
Josey, W. E. (3 TE)	Anderson
Jowers, Q. A. (1 VAE)*	Williston
Joyner, R. S. (4 VAE)	Ward
Julien, R. A. (3 A&S)	Greenwood
Kamine, A. (1 E-ME)*	Paterson, N. J.
Karst, W. B. (2 ME)	Greenville
Kates, G. S. (2 TE)*	Anderson
Kay, F. F. (4 Ar En)	Charlotte, N. C.
Kay, R. J. (1 E-TE)*	Trenton, N. J.
Kearse, W. S. (2 A-Ag Ec)	Yonges Island
Keasler, B. M. (4 TC)	Westminster
Keasler, R. L. (1 T-TM)*	Westminster
Keasler, W. B. (3 EE)	Inman
Keasler, W. H. (3 TC)	Westminster
Keene, W. M. (2 Ar En)	Spartanburg
Keeney, M. F. (4 EE)	Spartanburg
Keil, J. E. (4 Ent)	Charleston
Keith, J. M. (1 E-Ag En)*	Chappells
Keith, T. C. (2 A-AH)	Pickens
Kelley, E. A. (2 Pre-Med)	Greer
Kelly, C. R. (3 Arch)	Charleston
Kelly, J. Walter (3 Arch)	Anderson
Kelly, J. Wesley (1 A)*	Union
Kelly, J. William (1 Arch)	Central
Kelly, W. D. (2 A-Ag Ec)	Leesville
Kelly, Z. K. (4 TM)	Pelzer
Kelsey, W. B. (3 TC)	Chester
Kendra, F. S. (2 EE)	Ford City, Pa.
Kendrick, T. B. (3 Arch)	Spartanburg
Kennedy, H. R. (4 TM)	Union
Kennemore, C. M. (3 A&S)	Easley
Kennette, G. L. (1 T-TM)	Wellford
Kennette, W. H. (3 TM)	Wellford
Key, J. T. (1 E-EE)*	Columbia
Kilgo, R. A. (4 Ar En)	Laurens
Killingsworth, A. B. (3 EE)	Aiken
Kinard, J. A. (4 EE)	North Charleston
Kinard, J. Q. (2 Pre-Med)	Springfield
Kinard, R. H. (2 A-Agron)	Islandton
Kincaid, W. L. (SG)*	Salisbury, N. C.
King, C. W. (1 T-TM)	Swansea
King, E. L. (3 AH)	Chesterfield
King, H. L. (1 E-CE)	Clemson
King, I. D. (3 CE)	Gray Court
King, J. H. (3 Pre-Med)	Loris
King, J. L. (1 E-CE)*	Greenville
King, M. J. (2 A&S)	Belton
King, T. A. (1 T-TM)	Anderson
King, W. D. (1 E-TE)*	Turtle Creek, Pa.
Kinlaw, J. A. (1 VAE)*	Lumberton, N. C.
Kinney, M. E. (1 T-TM)	Valley Stream, N. Y.
Kirby, D. A. (2 A-AH)	Timmonsville
Kirby, W. M. (2 TM)*	Laurens
Kirkpatrick, M. H. (4 Ag En)	Clio
Kirkwood, C. E. (S)	Clemson
Kirven, L. E. (4 Pre-Med)	Pinewood
Kiser, T. R. (1 Ed)	Bowman
Kitchen, A. B. (4 ME)	Augusta, Ga.
Kitchings, J. B. (1 VAE)*	Elko
Kite, V. L. (1 T-TM)*	Gaffney
Kivett, R. G. (4 CE)	Greenville
Kizer, L. E. (2 A-Agron)	Florence
Klettner, S. J. (4 Ag En)	Hartsville
Klinck, D. C. (1 E-ME)	North Augusta
Knight, E. L. (3 Ag Ec)	Andrews
Knight, E. R. (2 Ch En)	Cheraw
Knight, J. C. (2 EE)	Summerville
Knight, L. A. (2 TM)	Greenville
Knight, R. H. (2 EE)	Rock Hill
Knight, W. E. (2 TM)	Williamston
Koehler, K. B. (4 Arch)	Louisville, Ky.
Kohn, S. H. (1 Ar En)	Charleston
Koon, J. A. (1 T-TM)*	Whitmire
Krauss, G. A. (2 Pre-For)	Brunswick, Ga.
Labra, G. P. (2 Ar En)*	Brooklyn, N. Y.
LaBrasca, G. (3 A&S)	Charleston
Lacey, J. R. (3 VAE)	Ravenel
Lachicotte, A. H. (4 Hort)	Pawleys Island
Lachicotte, G. P. (3 AH)	Pawleys Island
Lachicotte, W. F. (2 A-AH)	Pawleys Island

Name and Course	Address
Laffoday, W. C. (2 CE)	Lamar
La Frage, J. L. (3 VAE)	Fort Mill
Lake, W. H. (4 ME)	Walhalla
Lamar, L. H. (4 ME)	Augusta, Ga.
Lamoreux, C. O. (3 TE)	Spartanburg
Lancaster, B. S. (3 TM)	Jonesville
Lancaster, F. L. (3 ME)	Port Royal
Lance, G. H. (2 EE)*	Asheville, N. C.
Land, J. E. (2 TM)	Buffalo
Landgraf, L. P. (4 CE)	Panama City, Fla.
Landrum, J. B. (3 Arch)	Columbia
Laney, J. W. (4 Agron)	Bennettsville
Lanford, R. F. (4 CE)	Woodruff
Langford, J. W. (4 A&S)	Ridgeland
Langford, T. H. (3 A&S)	Savannah, Ga.
Langley, I. L. (2 TM)*	Lynchburg, Va.
Langley, J. F. (3 Ar En)	Conway
Langston, C. E. (4 VAE)	Timmonsville
Langston, C. L. (2 TM)	Darlington
Langston, M. A. (2 A-Agron)	Timmonsville
Lanham, J. P. (2 A-Dairy)	Edgefield
Lark, H. J. (3 EE)	Easley
Lark, R. E. (3 TM)	Pickens
LaRoche, J. J. (1 E)*	Charleston
Latham, D. L. (3 TM)	Iva
Latham, W. F. (4 TM)	Iva
Lathan, C. H. (3 VAE)	Lowrys
Lathem, R. C. (S)*	Clemson
Latt, J. G. (1 E-CE)*	Hendersonville, N. C.
Latto, E. S. (4 ME)	Charleston
Laughlin, R. C. (3 TM)	Florence
Law, D. E. (3 Ag En)	Darlington
Lawrence, O. W. (1 T-TM)*	Spartanburg
Lawrimore, I. B. (1 Pre-For)	Hemingway
Lawson, R. W. (3 TM)	Union
Lay, B. S. (2 Ag En)	Westminster
Lay, J. F. (2 Ag En)	Central
Leach, P. J. (4 TM)	Abbeville
League, F. M. (4 TM)	Easley
Leavy, C. F. (2 CE)*	Brunswick, Ga.
Lee, D. L. (2 TE)	Fort Mill
Lee, E. W. (3 Dairy)	Landrum
Lee, H. E. (3 EE)	Hampton, Va.
Lee, J. A. (4 Arch)	Greenwood
Lee, W. A. (3 CE)	Elberton, Ga.
Legare, L. N. (1 E-EE)	Moultrieville
LeGrand, D. C. (2 TM)	Greenville
LeGrand, W. D. (4 TE)	Greenville
Leiby, R. G. (4 ME)	Sumter
Leitch, J. A. (1 E-ME)*	Charleston
Lemmon, O. C. (1 A-AH)	Latta
Leonard, G. T. (2 A-Hort)	Asheville, N. C.
Leonard, H. B. (4 Arch)	Columbia
Leopard, E. M. (2 TM)	Woodruff
LeRoy, J. L. (2 CE)	Troy
Lesley, J. B. (3 A&S)	Easley
Leslie, G. S. (4 CE)	Newberry
Lesslie, W. P. (1 Pre-Med)*	Rock Hill
Levenson, B. (3 ME)	Brooklyn, N. Y.
Lever, M. D. (3 AH)	McConnellsville
Lever, O. R. (2 EE)	Charleston
Levy, M. A. (3 Arch)	Naval Base
Lewis, D. B. (2 A-AH)	Mullins
Lewis, G. F. (4 A&S)	Orlando, Fla.
Lewis, H. W. (1 A)*	Yonkers, N. Y.
Lewis, J. O. (4 Chem)	Marion
Lewis, K. E. (3 AH)	Mullins
Lewis, L. L. (4 VAE)	Leesville
Lewis, S. S. (1 VAE)	Leesville
Lewis, T. W. (3 Chem)	Spartanburg
Lewis, V. E. (4 Arch)	Spartanburg
Lewis, W. B. (1 T-TM)	Easley
Lewis, W. H. (2 TM)	Pickens
Leysath, H. H. (1 A-Agron)	North
Liebenrood, G. H. (2 A-AH)	Mount Pleasant
Lightsey, D. G. (1 A-Agron)*	Fairfax
Lightsey, H. M. (1 A-Agron)*	Columbia
Ligon, H. B. (3 Pre-Med)	Iva
Liles, J. S. (4 CE)	Charlotte, N. C.
Lindler, A. L. (4 VAE)	Chapin
Lindsay, J. B. (3 Arch)	Clemson
Lindsay, J. N. (2 EE)	Anderson
Lindsay, R. J. (1 T-TM)	Clemson
Lindstedt, G. W. (2 A&S)	Holly Hill
Lineberger, T. E. (3 Ind Ed)	Greenville
Link, J. B. (2 CE)	McCormick
Liston, J. W. (2 A&S)	Smoaks
Little, L. W. (3 VAE)	Newberry
Littlejohn, C. E. (S)	Clemson
Littlejohn, G. W. (2 VAE)	Cowpens
Littlejohn, H. B. (3 VAE)	Pacolet
Littlejohn, J. J. (3 Chem)	Spartanburg
Littlejohn, J. N. (1 A-Hort)	Sumter
Littlejohn, L. S. (1 VAE)*	Greenville
Livingston, L. S. (3 Ag En)	North
Livingston, M. W. (2 A-AH)	North
Livingston, O. W. (2 Ch En)	Columbia
Lloyd, G. M. (3 Ch En)	Charleston
Lockaby, R. H. (2 Ed)*	East Flat Rock, N. C.
Locke, D. F. (2 ME)	Spartanburg
Locke, J. D. (4 CE)	Taylors
Lockman, J. E. (4 ME)	Spartanburg
Lockman, W. D. (2 ME)	Chesnee
Loftis, C. E. (3 Ind Ed)	Pickens
Lofton, A. M. (4 Agron)	McClellanville
Lollis, H. E. (4 ME)	Greenville
London, B. L. (2 Chem)*	Brooklyn, N. Y.
Long, C. W. (3 CE)	Newberry
Long, E. J. (4 TM)	Gaffney
Long, R. M. (3 TM)	Edgemoor
Long, T. J. (4 ME)	McColl
Longshore, H. B. (1 E-ME)*	Laurens
Longshore, H. F. (2 Ag En)	Newberry
Love, H. M. (3 Arch)	Chester
Love, S. W. (1 T-TM)	Florence
Love, T. B. (4 A&S)	Alcolu
Lovelace, L. H. (1 T-TM)*	Gaffney
Lovelace, O. F. (2 A-Dairy)	Prosperity
Lovell, G. A. (2 TM)	Liberty
Lowder, H. B. (2 Ind Ed)	Albemarle, N. C.
Lowe, A. H. (3 TM)	Warrenville
Lowe, J. Z. (4 EE)	Spartanburg
Lowman, K. T. (1 T-TM)*	Cameron
Lubash, V. I. (2 TM)	New York, N. Y.
Lucas, J. L. (4 TM)	Lancaster
Lund, S. (4 Agron)	Anderson
Lunn, J. E. (1 E-Ag En)*	Florence
Lunsford, P. R. (3 TM)	Charlotte, N. C.
Lupo, G. M. (3 TE)	Charlotte, N. C.
Lusk, J. A. (2 Arch)*	Johnson City, Tenn.
Lyles, J. F. (4 Hort)	Winnsboro
Lynn, H. P. (3 Ag En)	Clemson
Lynn, W. W. (2 A-Agron)	Filbert
Lyon, M. D. (4 A&S)	Johnston
Lyons, J. L. (2 TM)	Ridgeland
Lytle, D. G. (3 EE)	New York, N. Y.
Lytle, T. E. (4 Ag Ec)	Anderson
McAlister, M. F. (4 TM)	Abbeville
McBride, L. M. (3 EE)	Parkersburg, N. C.
McCall, B. G. (3 A&S)	Ellerbe, N. C.
McCall, D. L. (2 A-Ag Ec)*	Hendersonville, N. C.
McCall, H. E. (1 A-AH)	Hendersonville, N. C.
McCants, J. G. (2 TM)	Winnsboro
McCants, R. S. (3 AH)	Orangeburg
McCarey, G. H. (3 A&S)	Tallahassee, Fla.
McCaskill, M. J. (2 A-Agron)	Bethune

Name and Course	Address
McCauley, J. P. (1 Ed)*	Washington, D. C.
McClain, J. B. (2 TE)	Inman
McClain, L. W. (4 TM)	Donalds
McClain, W. F. (3 ME)	Honea Path
McClamroch, W. C. (3 Arch)	Pascagoula, Miss.
McClellan, H. H. (2 ME)	Anderson
McClure, F. A. (3 EE)	Varnville
McClure, T. G. (3 TM)	Anderson
McCombs, C. W. (1 T-TM)*	Easley
McCombs, J. W. (3 Ind Ed)	Greenwood
McConnell, F. M. (3 Ag Ec)	Seneca
McConnell, J. E. (2 A-AH)	Seneca
McConnell, J. H. (3 Ind Ed)	Anderson
McConnell, J. T. (2 ME)	Abbeville
McCormick, W. J. (1 VAE)*	North
McCown, J. W. (4 Ag En)	Dalzell
McCoy, B. J. (4 CE)	Greenville
McCoy, D. W. (3 TM)	Lynchburg, Va.
McCoy, L. T. (2 Arch)	Belton
McCoy, T. R. (2 Arch)	Anderson
McCrary, R. K. (2 ME)	Greenville
McCravy, P. H. (3 TM)	Spartanburg
McCraw, T. F. (4 Ind Phys)	Gaffney
McCulloch, J. I. (2 TM)	Gaffney
McCurry, T. M. (3 Ch En)	Anderson
McDaniel, B. F. (3 ME)	Pickens
McDaniel, V. G. (4 Ind Ed)	Bennettsville
McDonald, G. S. (2 TM)	Chester
McDonald, H. C. (3 Arch)	Brevard, N. C.
McDonald, H. M. (1 A-Agron)	Hartsville
McDonald, W. A. (2 Arch)*	Johnson City, Tenn.
McDowell, W. L. (4 A&S)	Chester
McElveen, C. D. (3 AH)	Columbia
McElveen, J. D. (1 A-Hort)	Lake City
McElveen, M. F. (1 VAE)*	Florence
McFalls, D. L. (3 A&S)	Rutherfordton, N. C.
McGee, E. T. (1 E-Ag En)*	Anderson
McGee, G. E. (1 A)*	Anderson
McGill, J. N. (3 CE)	Anderson
McGinnis, J. S. (2 A-AH)*	Mooresboro, N. C.
McGinty, R. A. (4 ME)	Clemson
McGregor, S. E. (4 Dairy)	Lykesland
McGuire, H. N. (3 TC)	Greenwood
McGuirt, H. V. (3 TM)	Fort Mill
McIlvain, R. C. (3 TM)	Greenwood
McIntyre, D. C. (4 TM)	Marion
McIntyre, J. B. (1 T-TM)	Arcadia
McJunkin, J. T. (1 A&S)*	Lancaster
McKay, A. S. (3 Dairy)	Hendersonville, N. C.
McKay, D. B. (4 EE)	Winnsboro
McKay, R. (1 E-EE)	Washington, D. C.
McKay, W. (4 Dairy)	Hendersonville, N. C.
McKee, G. A. (1 E-CE)*	Mooresville, N. C.
McKenzie, O. K. (1 VAE)	Mullins
McKinnell, R. E. (1 E-ME)	Florence
McKinney, D. L. (2 TM)	Spartanburg
McKinney, H. E. (4 EE)	Greenville
McKinney, R. B. (1 T-TM)	Pickens
McLain, J. R. (3 VAE)	Chesterfield
McLaurin, A. H. (2 A&S)	Bennettsville
McLaurin, J. F. (3 Pre-Med)	Bennettsville
McLean, J. N. (2 EE)	Greenville
McLean, N. M. (1 A-AH)	Orangeburg
McLendon, C. R. (2 A&S)	Columbus, Ga.
McLeod, B. E. (3 EE)	Georgetown
McLeod, G. T. (2 TM)	Greenville
McLeod, H. E. (2 ME)	Rembert
McLeod, J. F. (1 A)*	Chesterfield
McLeod, R. L. (3 ME)	Sumter
McLin, R. E. (2 A-AH)	Ridgeland
McMahan, J. D. (2 TM)	Columbia
McMahan, J. W. (3 TM)	Greenville
McMeekin, T. C. (1 A)*	Glenside, Pa.
McMillan, C. M. (4 Ag En)	Anderson
McMillan, D. W. (2 Ag En)	Mullins
McMillan, H. C. (2 Ar En)	Spartanburg
McMillan, J. S. (3 Ag En)	Allendale
McMillan, J. W. (1 A-AH)	Latta
McMillan, L. L. (1 Arch)	Spartanburg
McMillan, W. J. (1 E-Ag En)	Allendale
McPherson, P. (1 T-TM)*	Boiling Springs, N. C.
McRae, C. K. (3 AH)	Gresham
McRae, D. D. (4 A&S)	Florence
McRae, W. E. (3 EE)	Bennettsville
McSwain, W. E. (4 TM)	York
McSwiney, T. L. (2 ME)	Jacksonville, Fla.
MacDonald, P. F. (2 EE)	Charleston
Mace, R. G. (4 Ag En)	Gresham
Machen, R. H. (2 TM)	Greenville
Mack, J. H. (2 Arch)	Garnett
Mack, O. F. (1 A)	Gaston
Mack, T. E. (3 TM)	Union
Mack, W. C. (1 E-ME)	Garnett
Mackay, G. C. (1 A)*	Orangeburg
Mackay, J. R. (4 ME)	Orangeburg
Mackenzie, M. B. (3 Arch)	Charleston
Maddox, C. J. (2 Ar En)	Gaffney
Maddox, H. M. (3 A&S)	Easley
Magill, H. F. (1 E-EE)	Concord, N. C.
Mahaffee, J. W. (3 AH)	Gaffney
Mahaffey, J. A. (4 EE)	Lancaster
Mallard, J. P. (3 CE)	Sumter
Malphrus, L. D. (S)	Clemson
Mandanis, G. P. (4 EE)	Spartanburg
Maner, R. P. (1 E-ME)	Bamberg
Maney, E. D. (3 Ag En)	West Asheville, N. C.
Mangan, D. J. (3 ME)	Springfield, Mo.
Mangum, D. (1 A-AH)*	Spartanburg
Mann, M. E. (1 E-EE)*	Columbus, Ga.
Mann, T. C. (2 Pre-Med)	Greenville
Manning, W. M. (2 A-Agron)	White Oak
Manos, J. P. (1 E-CE)*	Brooklyn, N. Y.
Manuel, J. H. (2 A-Hort)	Cayce
Mappus, E. R. (2 ME)	Naval Base
Mappus, F. J. (2 ME)	Charleston
Marks, G. M. (2 ME)	Greenville
Marlowe, W. H. (2 A-Agron)	McClellanville
Marscher, W. F. (3 ME)	Beaufort
Marshall, W. C. (3 VAE)	Heath Springs
Marthers, W. C. (2 TM)	Winnsboro
Martin, C. B. (3 TM)	Greenville
Martin, C. H. (3 ME)	Aiken
Martin, C. W. (1 A&S)	Belton
Martin, E. H. (3 AH)	Conway
Martin, E. M. (2 VAE)	Sumter
Martin, H. C. (2 EE)	Anderson
Martin, J. A. (1 E-ME)	Rock Hill
Martin, J. H. (1 Chem)	Hartsville
Martin, R. A. (4 Pre-Med)	Fort Mill
Martin, R. M. (2 A&S)*	Tampa, Fla.
Martin, S. J. (4 TM)	Atlanta, Ga.
Martin, T. A. (4 CE)	Griffin, Ga.
Mason, C. L. (1 A)*	Madison, Ga.
Mason, F. G. (3 A&S)	Mullins
Mason, F. N. (1 E-TE)*	Aiken
Mason, G. E. (3 VAE)	Westminster
Mason, H. D. (1 VAE)*	Westminster
Mason, J. F. (4 Agron)	Westminster
Mason, R. H. (4 VAE)	Pacolet Mills
Mason, R. W. (1 T-TC)*	Rock Hill
Massee, R. D. (1 A-Hort)	Tiger, Ga.
Massey, W. E. (4 Ar En)	Greenville
Massingill, J. P. (1 E-TE)*	Pickens

Name and Course	Address
Masters, W. H. (1 T-TM)	Easley
Mathews, R. D. (2 A-Dairy)	McKeesport, Pa.
Mathias, W. L. (3 TC)	Lexington
Mathis, B. W. (2 TM)*	Pacolet Mills
Matthews, D. M. (2 ME)*	Charlotte, N. C.
Matthews, J. (1 A-Agron)	Scranton
Matthews, J. D. (1 Pre-Med)*	Coward
Matthews, W. D. (2 A&S)	Manning
Mattison, R. T. (4 A&S)	Aiken
Mattox, W. R. (2 A&S)	Columbia
Mauldin, E. L. (1 E-EE)*	Easley
Mauldin, J. E. (2 CE)*	Anderson
Mauldin, W. A. (2 CE)*	Anderson
Maxfield, B. G. (2 A-AH)	Hodges
Maxwell, S. W. (1 E-ME)*	Charlotte, N. C.
May, D. S. (3 A&S)	Calhoun Falls
May, J. D. (4 TE)	Ware Shoals
Mays, W. C. (3 Arch)	Fair Play
Mays, W. M. (1 T-TM)*	Walhalla
Mayson, B. M. (4 Ag En)	Clemson
Mayson, J. M. (2 VAE)	McCormick
Meadows, H. F. (3 Agron)	Woodruff
Meares, J. M. (4 Arch)	Nichols
Medlin, E. W. (2 A-AH)	Hartsville
Meek, M. W. (1 T-TM)	York
Melchers, J. T. (3 EE)	Mount Pleasant
Mellette, R. S. (1 Pre-Med)*	Florence
Melnyk, W. G. (2 Ar En)	Brooklyn, N. Y.
Melton, L. G. (2 A-AH)*	Lyman
Melton, T. C. (4 VAE)	Chesterfield
Menendez, R. I. (1 E-ME)*	Charleston
Mercer, W. E. (1 E-CE)	McClellanville
Merchant, V. E. (2 Pre-Med)	Barnwell
Merck, E. W. (4 CE)	Central
Meredith, B. M. (1 T-TM)	Greenville
Meredith, J. R. (1 VAE)	Townville
Merritt, H. C. (2 Arch)	Columbia
Merritt, J. W. (4 ME)	Greenville
Messervy, L. W. (1 E-EE)*	North Charleston
Metcalf, J. Q. (3 EE)	Greenville
Metts, W. C. (3 VAE)	Brookings, S. Dak.
Metz, W. W. (2 TM)	Iva
Meyer, G. M. (1 E-EE)	Charleston
Michael, M. G. (1 T-TC)	Linwood, N. C.
Mickle, H. L. (3 TM)	Rock Hill
Mickle, P. C. (4 TE)	Rock Hill
Miller, A. R. (3 VAE)	Lexington
Miller, B. M. (3 Ind Ed)	Liberty
Miller, C. D. (1 E-EE)	Charleston
Miller, C. L. (3 TM)	Greenville
Miller, D. C. (3 Ind Ed)	Summerville
Miller, D. O. (3 TE)	Chester
Miller, F. D. (2 TM)	Newberry
Miller, H. M. (4 TM)	Chester
Miller, Jack R. (3 A&S)	Georgetown
Miller, James R. (4 VAE)	Erwin, Tenn.
Miller, J. S. (1 A-Dairy)*	Charlotte, N. C.
Miller, J. Whit (1 Pre-For)	Seneca
Miller, John William (3 TM)	Greenville
Miller, John William, Jr. (1 E-EE)*	Greenville
Miller, R. J. (2 A-Poul)*	Atlanta, Ga.
Millsap, J. E. (3 Ag Ec)	Gable
Mims, S. S. (1 E-TE)*	Baton Rouge, La.
Mims, T. V. (3 TM)	Talladega, Ala.
Minshew, C. T. (2 Ind Ed)	Johns Island
Mintz, W. H. (3 Ch En)	Fort Lawn
Mitchell, J. B. (4 EE)	Saluda
Mitchell, J. E. (3 EE)	North Augusta
Mitchell, J. W. (1 E-CE)*	Walterboro
Mitchell, L. A. (3 Ch En)	Folly Beach
Mitchell, L. S. (2 CE)	Walterboro
Mitchell, W. B. (3 A&S)	Charlotte, N. C.
Mitchum, B. W. (4 VAE)	Smoaks

Name and Course	Address
Mixon, A. P. (1 T-TM)*	Westminster
Mixon, L. C. (2 TM)	Aiken
Mixon, L. J. (1 E-ME)*	Greenville
Mize, L. (1 E-EE)	Walhalla
Mobley, G. A. (1 E-TE)*	Simpsonville
Moeller, A. F. (2 CE)	Moultrie, Ga.
Moisson, G. M. (4 TC)	Greenville
Moisson, W. C. (3 CE)	Greenville
Monroe, T. L. (3 Ag Ec)	Marion
Monroe, W. E. (1 A&S)*	Clemson
Montgomery, H. R. (4 Agron)	Woodruff
Montgomery, J. H. (4 Agron)	Gable
Montgomery, R. R. (4 Agron)	Woodruff
Montone, N. A. (3 EE)	Westminster
Monts, D. D. (1 A-Agron)	Millen, Ga.
Monts, R. M. (4 ME)	Millen, Ga.
Moody, R. J. (1 E-ME)	Greenville
Moon, A. B. (3 CE)	Columbus, Ga.
Mooney, C. W. (2 A&S)	Starke, Fla.
Mooneyhan, J. L. (1 E-TE)	West Columbia
Moore, A. L. K. (S)*	Sandy Springs
Moore, E. T. (3 VAE)	Lake City
Moore, E. W. (1 A-Ent)*	Westminster
Moore, H. E. (1 A-AH)	Effingham
Moore, J. H. (4 TM)	Spartanburg
Moore, J. P. (1 E-ME)*	Augusta, Ga.
Moore, J. W. (4 EE)	Sumter
Moore, M. S. (1 Pre-Med)	Charleston
Moore, P. N. (1 T-TM)*	Sumter
Moore, R. L. (1 E-ME)*	Charlotte, N. C.
Moore, R. T. (3 VAE)	Piedmont
Moore, T. E. (1 T-TM)*	Central
Moore, U. B. (3 TM)	La France
Moore, V. O. (2 Pre-Med)	Lake City
Moore, W. H. (4 A&S)	Sandy Springs
Moore, W. L. (1 E-TE)*	Drayton
Moorhead, D. T. (1 T-TM)*	Pendleton
Moorhead, L. J. (1 Ind Ed)	Anderson
Moorman, W. C. (3 CE)	Florence
Morgan, A. B. (3 CE)	New Orleans, La.
Morgan, H. D. (3 Ag Ec)	Seneca
Morgan, J. H. (4 A&S)	Spencer, N. C.
Morgan, L. R. (2 A-AH)	Central
Morgan, L. V. (4 Ind Ed)	Albemarle, N. C.
Morgan, M. J. (3 Ag Ec)	Seneca
Morgan, M. L. (2 A-Agron)	Oakboro, N. C.
Morgan, Thomas William (2 EE)	Tucapau
Morgan, Tom William, Jr. (1 E-EE)*	Clemson
Morrah, S. P. (2 TM)	Greensboro, N. C.
Morris, C. B. (2 TC)	Spartanburg
Morris, E. E. (4 A&S)	Pickens
Morris, J. C. (3 Ar En)	Spartanburg
Morrison, A. H. (3 TM)	Great Falls
Morrison, J. A. (1 E-CE)*	North Bridgton, Maine
Morrow, B. R. (2 TE)	Spartanburg
Morrow, C. B. (3 EE)	Clover
Morton, E. F. (1 E-CE)	Great Falls
Morton, E. L. (1 A&S)*	Charlotte, N. C.
Moss, E. M. (4 Ind Ed)	Seneca
Moss, J. M. (2 Chem)*	Cameron
Mosteller, G. W. (3 Ind Ed)	Greer
Mosteller, J. E. (3 VAE)	Gaffney
Moyd, D. L. (3 TE)	Ninety Six
Moyd, P. K. (2 Pre-Med)	Ninety Six
Muckenfuss, A. A. (2 CE)	Florence
Muehsam, N. E. (1 T-TM)*	New York, N. Y.
Mull, M. D. (1 A-Hort)	Anderson
Mullikin, J. A. (3 EE)	Pendleton
Mullikin, L. R. (1 A-Ag Ec)	Pendleton
Mullin, B. J. (2 VAE)*	Chadbourn, N. C.
Mullinax, R. P. (2 TM)	Greenville
Mullinnix, G. A. (1 T-TM)	Greenville

Name and Course	Address
Munn, N. R. (1 VAE)	Georgetown
Murphree, J. E. (4 VAE)	West Union
Murphy, C. L. (1 E-ME)*	Portsmouth, Va.
Murphy, E. J. (1 E-ME)	Augusta, Ga.
Murray, J. R. (1 T-TM)*	Summerville
Myers, J. C. (2 TM)	Westminster
Naismith, D. E. (1 E-ME)*	Savannah, Ga.
Nalley, L. J. (2 Ind Ed)	Easley
Neal, J. L. (3 TC)	Fort Mill
Neel, H. J. (2 A&S)	Owensboro, Ky.
Neeley, B. B. (3 Arch)	Columbia
Neely, B. R. (4 EE)	Rock Hill
Neighbors, J. D. (1 A-Hort)	Beaufort
Neighbour, O. J. (1 E-ME)*	Spartanburg
Neister, A. F. (1 T-TM)	Spartanburg
Nelson, C. H. (2 ME)	Westminster
Nelson, P. A. (3 Pre-Med)	Fountain Inn
Nelson, V. W. (1 Ar En)*	Philadelphia, Pa.
Nettles, B. L. (1 E-EE)*	Charleston
Neves, J. A. (4 VAE)	Taylors
Newman, G. W. (1 T-TM)	Columbia
Newton, A. F. (1 Ind Ed)	Clemson
Newton, D. T. (3 Ind Ed)	Central
Newton, E. (1 E-EE)*	Chester
Newton, J. B. (2 A-AH)	Myrtle Beach
Newton, J. L. (1 E-Ag En)*	Cottageville
Newton, P. B. (3 A&S)	Dillon
Nichols, C. M. (2 CE)	Leesville
Nichols, C. S. (2 ME)	Newberry
Nicholson, D. H. (1 E-CE)	Easley
Nicholson, J. R. (3 VAE)	Westminster
Nicholson, R. W. (4 Arch)	Orangeburg
Nickles, W. A. (3 Ag En)	Hodges
Nipper, J. J. (4 TM)	Lowell, N. C.
Niver, J. M. (1 T-TM)*	Bluffton
Nix, R. E. (3 EE)	Florence
Nolte, F. E. (2 EE)	Charleston
Norman, A. W. (2 A&S)	Clemson
Norris, G. F. (4 Ind Phys)	Greer
Norris, J. M. (1 E-TE)	Cateechee
Norris, W. M. (4 Ag En)	Vance
Norton, J. P. (3 TE)	Pickens
Norton, L. C. (1 A-Agron)	Dunbar
Norton, L. N. (1 E-EE)*	Nichols
Norton, P. A. (2 ME)	Framingham, Mass.
Norton, P. F. (1 E-TE)	McColl
Norton, R. E. (3 Ar En)	Florence
Norwood, R. E. (4 ME)	Greenwood
Nott, T. E. (3 ME)	Charlotte, N. C.
Novit, B. J. (2 EE)	Charleston
Nowell, J. G. (1 E-EE)	Charleston
Nowell, V. H. (3 Ar En)	Savannah, Ga.
Nuckols, J. N. (1 T-TM)	Westminster
Nunnery, H. F. (1 E-EE)*	Chester
Oates, J. E. (1 A&S)	Easley
O'Brien, R. E. (2 A-Agron)	Eutawville
Oliver, D. J. (2 Chem)	North Augusta
Olson, A. W. (3 A&S)	De Land, Fla.
Olson, J. C. (1 E-TE)*	Decatur, Ga.
O'Neal, C. A. (1 A-AH)	Blenheim
O'Neal, J. S. (1 A-AH)	Blenheim
Onley, W. O. (2 ME)	Columbia
Opt, R. A. (2 TM)	Anderson
Orders, J. B. (4 ME)	Greenville
Orr, J. C. (3 ME)	Asheville, N. C.
Orr, J. W. (2 ME)	Darlington
Orr, R. H. (1 A-Dairy)*	Blackstock
Ott, A. L. (1 Arch)	Columbia
Outz, M. (2 A)	Fair Play
Ouzts, J. E. (4 EE)	Callison
Owen, B. E. (3 Ind Ed)	Orangeburg
Owen, W. B. (3 TM)	Greenville
Owen, W. C. (S)	Central
Owens, L. F. (1 E-Ch En)*	Sumter
Owens, R. S. (3 Ch En)	Clinton
Owings, W. D. (4 EE)	Greenwood
Oxner, V. C. (4 TM)	Kinards
Pace, C. L. (3 TM)	Spartanburg
Padgett, J. E. (2 Pre-Med)	Ridgeland
Padgett, W. M. (2 A&S)	Smoaks
Page, L. C. (4 CE)	Asheville, N. C.
Paget, J. S. (4 Hort)	Greer
Palmer, N. O. (3 TE)	Norris
Pamplin, H. O. (1 T-TM)*	McColl
Pardue, F. R. (3 TM)	Greenwood
Pardue, G. S. (4 ME)	Aiken
Parham, T. M. (2 A-Ag Ec)	Latta
Paris, W. W. (1 Ar En)*	Keyser, W. Va.
Parish, D. R. (4 Ch En)	Dillon
Park, G. R. (3 Ag En)	Winnsboro
Park, R. Y. (1 E-Ag En)*	Winnsboro
Parker, C. A. (1 T-TM)*	Gaffney
Parker, C. Y. (3 Arch)	Cruger, Miss.
Parker, H. M. (4 CE)	Sumter
Parker, J. H. (2 EE)	Norris
Parker, J. M. (4 Pre-Med)	Charleston
Parker, R. B. (1 E-CE)	Savannah, Ga.
Parker, R. P. (1 E-Ag En)*	Woodcliff, Ga.
Parker, W. C. (3 CE)	Hendersonville, N. C.
Parkins, J. A. (1 T-TM)	Greenville
Parkman, H. D. (3 VAE)	Saluda
Parnell, A. T. (1 VAE)	Hemingway
Parnell, D. E. (3 Ch En)	Anderson
Parnell, J. P. (1 T-TM)	Calhoun Falls
Parnell, J. S. (1 T-TC)	Ware Shoals
Parr, W. W. (2 A-Dairy)	Newberry
Parrott, C. J. (2 TM)	York
Parsons, B. W. (2 ME)	Rock Hill
Parsons, M. O. (3 Pre-Med)	Hemingway
Parsons, N. H. (1 Pre-Med)*	Georgetown
Pate, H. R. (4 VAE)	Cassatt
Patrick, E. M. (2 TM)*	Pacolet Mills
Patrick, L. W. (S)*	Clemson
Patrick, W. M. (4 A&S)	Ruffin
Patterson, A. L. (2 ME)	Spartanburg
Patterson, C. C. (2 TM)	Clemson
Patterson, C. W. (3 TE)	Spartanburg
Patterson, I. N. (3 A&S)	Clemson
Patterson, J. (2 Ar En)	Spartanburg
Patterson, J. H. (1 E-TE)*	Anderson
Patterson, J. V. (3 TM)	Clemson
Patterson, M. B. (4 TM)	Laurens
Patterson, N. W. (4 AH)	Saluda
Patterson, W. B. (2 Arch)	Abbeville
Patterson, W. K. (3 EE)	Greenwood
Patton, B. C. (1 A-AH)	Fountain Inn
Patton, F. J. (3 Ag En)	Pisgah Forest, N. C.
Patton, R. E. (1 T-TM)	Fountain Inn
Pavia, J. F. (2 EE)	New Brunswick, N. J.
Payne, J. R. (1 Ed)*	Granite Falls, N. C.
Payne, R. T. (4 EE)	Charlotte, N. C.
Peake, H. L. (1 E-TE)*	Winnsboro
Peake, W. D. (3 Ar En)	Arlington, Va.
Pearman, D. L. (2 EE)	Donalds
Pearson, W. A. (2 ME)	Greenville
Pearson, W. D. (4 Ag En)	Woodruff
Peay, W. A. (3 VAE)	Pageland
Peebles, D. L. (3 A&S)	Hampton, Va.
Peeler, J. G. (2 CE)	Asheville, N. C.
Peigler, C. T. (3 ME)	Greenville
Pellett, A. B. (3 CE)	Greenville
Pendley, G. C. (1 E-TE)	Calhoun, Ga.
Penn, S. R. (3 Arch)	Anderson
Pennell, J. E. (2 Chem)	Anderson
Pennell, R. H. (3 CE)	Spartanburg
Pennell, T. P. (1 E-CE)	Spartanburg
Pepper, H. C. (4 AH)	Easley
Perkins, D. B. (3 EE)	Savannah, Ga.

Name and Course	Address
Perrell, D. C. (4 CE)	Winston Salem, N. C.
Perrette, C. L. (1 A&S)	Tampa, Fla.
Perry, B. J. (4 EE)	Ridgeland
Perry, F. M. (1 E-CE)	Greenville
Perry, R. L. (SG ME)	Columbus, Ga.
Perry, S. L. (4 Pre-Med)	Clemson
Perry, T. E. (3 TM)	Anderson
Perry, W. J. (1 Arch)	Timmonsville
Peters, A. H. (3 Ch En)	Summerville
Pettigrew, J. E. (4 Dairy)	Iva
Pettigrew, J. W. (4 VAE)	Edgefield
Pettigrew, R. N. (2 Arch)	Tampa, Fla.
Pettit, S. L. (3 CE)	Pauline
Philippsthal, H. F. (1 A&S)	North Charleston
Phillips, C. C. (3 EE)	Blackville
Phillips, H. G. (1 T-TM)	Walhalla
Phillips, R. D. (1 Pre-Med)*	Kershaw
Phillips, T. N. (1 Ar En)*	Walhalla
Phillips, W. F. G. (1 Pre-Med)	Piedmont
Pickens, C. L. (4 TM)	Anderson
Pickens, J. P. (4 VAE)	Madison
Pierce, J. A. (1 T-TM)	Marietta
Pinckney, J. C. (4 Ag En)	Pritchardville
Pinson, J. T. (2 ME)	Anderson
Pittman, E. H. (4 Ch En)	Bishopville
Pittman, G. L. (1 A-AH)	Myrtle Beach
Pittman, J. F. (1 A-Ag Ec)	Seneca
Pittman, R. E. (3 AH)	Dillon
Pitts, C. T. (1 E-TE)	Clinton
Pitts, J. H. (3 Agron)	Clinton
Pitts, P. M. (1 E-TE)	Clinton
Plaxico, D. L. (3 ME)	Blacksburg
Plowden, A. D. (3 ME)	Davidson, N. C.
Plunkett, R. W. (S TM)	Clemson
Plyler, C. D. (2 Ind Ed)	Lancaster
Plyler, D. B. (4 AH)	Monroe, N. C.
Poag, W. M. (3 TM)	Joanna
Poe, O. S. (2 ME)	Rock Hill
Ponder, W. R. (3 A&S)	Williston
Poole, M. V. (4 ME)	Ware Shoals
Poole, T. B. (2 TM)	Clemson
Poole, W. M. (1 T-TM)*	Travelers Rest
Pope, J. M. (1 E-EE)	Naval Base
Porter, R. B. (2 CE)	Winnsboro
Porter, V. C. (3 VAE)	Williston
Porter, W. M. (4 ME)	Charlotte, N. C.
Posey, C. J. (1 E-TE)*	Cateechee
Poss, O. R. (1 E-ME)	Washington, D. C.
Poston, M. L. (2 A-Hort)	Hyman
Poston, R. L. (1 A)	Hyman
Poston, W. C. (1 A)	Hyman
Potter, A. W. (3 CE)	Spartanburg
Poulos, J. T. (3 Ar En)	Spartanburg
Powell, J. L. (4 AH)	Hartsville
Powell, J. T. (1 Pre-Med)	Johnsonville
Powell, L. H. (4 EE)	Washington, D. C.
Powers, B. L. (2 TC)	Griffin, Ga.
Preacher, R. B. (1 A-AH)	Ridgeland
Preacher, W. C. (2 A-AH)	Ridgeland
Price, C. J. (2 EE)	Ninety Six
Price, C. N. (3 VAE)	Wolfton
Price, D. C. (2 A-AH)*	Gaffney
Price, G. R. (2 Arch)	Columbia
Price, J. K. (2 A-AH)*	Gaffney
Price, J. L. (3 AH)	Gaffney
Price, J. T. (4 CE)	Starr
Price, M. E. (1 E-TE)	Ninety Six
Prince, E. W. (3 VAE)	Gurley
Prince, J. H. (2 CE)	Abbeville
Prince, P. H. (3 A&S)	Erwin, Tenn.
Prince, R. M. (1 E-Ag En)*	Lynchburg
Prince, W. R. (1 A-AH)	Iva
Probst, C. (S)*	Walhalla
Prosser, B. E. (3 VAE)	Hyman
Province, P. J. (4 Ch En)	Chattanooga, Tenn.
Pruette, R. L. (2 TE)	Monroe, N. C.
Pruitt, G. J. (3 TM)	Greer
Pruitt, J. M. (3 Ag En)	Anderson
Pruitt, J. R. (3 TM)	Anderson
Pruitt, L. G. (3 TM)	Anderson
Pruitt, L. H. (2 TM)	Anderson
Pruitt, M. R. (2 TM)	Anderson
Puckett, L. O. (4 TM)	Charlotte, N. C.
Pugliese, V. A. (1 E-CE)*	Washington, D. C.
Pulkinen, C. S. (4 A&S)	Charleston
Pursley, J. M. (2 TM)	Clover
Pusser, L. W. (3 TM)	Chesterfield
Putnam, S. R. (PG Arch)	Greenville
Quarles, R. R. (2 TM)	Abbeville
Quinn, E. W. (2 Ag En)	Spartanburg
Quinn, J. M. (3 Arch)	Inman
Rabon, W. J. (1 Arch)	Marion
Ragsdale, J. W. (4 A&S)	Blair
Raines, R. M. (1 Arch)	Savannah, Ga.
Rainsford, T. H. (3 Dairy)	Edgefield
Rallings, E. M. (4 VAE)	Pageland
Ramsey, J. E. (1 T-TM)*	Gaffney
Ramsey, P. E. (2 VAE)*	Gaffney
Randall, W. B. (3 EE)	Spartanburg
Rappe, M. R. (2 EE)	Sumter
Rash, M. C. (4 Pre-Med)	Lockhart
Rauch, R. J. (4 CE)	Rock Hill
Rauton, G. W. (4 AH)	Johnston
Ravenel, R. H. (1 A-AH)*	Sanford, Fla.
Ravenel, W. F. (4 ME)	Sanford, Fla.
Rawl, H. B. (1 E-EE)*	Spartanburg
Rawls, C. H. (3 TE)	Rock Hill
Ray, S. B. (3 TE)	Williston
Rayle, R. F. (3 A&S)	Eastover
Reames, J. G. (4 Agron)	Bishopville
Reaves, B. M. (3 ME)	Bishopville
Redd, C. O. (2 ME)	Windsor
Reddick, C. E. (2 TM)*	Sardis, Ga.
Reed, A. J. (1 T-TM)	Whitmire
Reed, B. D. (1 E-Ag En)	North
Reed, W. H. (2 CE)*	Savannah, Ga.
Reeder, W. T. (3 EE)	Laurens
Rees, J. H. (2 TE)*	Fayetteville, Tenn.
Reeves, A. N. (2 A&S)	Ravenel
Reeves, E. R. (3 A&S)	Branchville
Register, H. I. (1 E-CE)	Darlington
Reid, G. H. (1 Ar En)*	Greenwood
Reid, G. P. (3 TM)	Greenville
Reid, H. W. (2 ME)	Piedmont
Rentz, G. H. (1 A)	Williamston
Rentz, W. H. (1 VAE)	Walterboro
Revis, H. G. (2 TE)	Greenville
Reynolds, H. M. (PG TC)	Edgefield
Reynolds, J. T. (3 A&S)	Johnstown, Pa.
Reynolds, L. D. (4 VAE)	Timmonsville
Rhame, D. D. (1 Chem)	Denmark
Rhea, M. R. (2 EE)*	Naval Base
Rheney, T. B. (3 TM)	Spartanburg
Rhodes, D. (1 A-Dairy)*	Estill
Rhodes, R. H. (1 A-AH)	Effingham
Rhyne, F. L. (3 TM)	Gastonia, N. C.
Rice, A. A. (4 Arch)	Anderson
Rice, J. H. (2 A&S)	Charleston
Rice, M. A. (3 Ar En)	Florence
Rice, M. D. (2 A-Agron)	Kathwood
Rice, P. R. (3 TM)	Anderson
Rice, R. J. (4 TM)	Anderson
Richardson, B. C. (1 A&S)	Jonesville
Richardson, B. G. (3 Pre-Med)	Pomaria
Richardson, F. M. (4 TM)	Greenville

Name and Course	Address
Richardson, H. C. (2 TM)	Greenville
Richardson, R. G. (4 EE)	Florence
Richardson, R. R. (1 A-AH)*	Apopka, Fla.
Richbourg, B. F. (4 CE)	Summerton
Richbourg, J. A. (4 CE)	Summerton
Richbourg, J. B. (3 Pre-Med)	Union
Richbourg, M. N. (2 Pre-Med)	Orangeburg
Richbourg, S. J. (1 A)*	Summerton
Richbourg, W. W. (4 A&S)	Union
Richey, J. W. (2 TE)	Ware Shoals
Rickenbaker, T. C. (4 Arch)	St. Matthews
Riddle, B. W. (1 E-TE)*	Woodruff
Riddle, C. O. (2 CE)*	Fountain Inn
Riddle, H. J. (4 Arch)	Charleston
Riddle, L. (2 TM)	Greenville
Riddle, R. L. (1 T-TM)	Greenville
Ridenhour, G. C. (2 TM)	Greenville
Ridgeway, G. H. (1 A)	Greenville
Ridgeway, J. L. (4 Chem)	Laurens
Riggins, W. R. (1 E-EE)	Easley
Riley, F. S. (4 ME)	Hilton Village, Va.
Rinehart, W. G. (3 AH)	Leesville
Ringer, A. W. (2 EE)	Newberry
Riordan, J. E. (2 EE)	Walhalla
Riser, C. W. (4 TC)	Columbia
Risher, E. D. (1 A-AH)	Ellenton
Ritter, M. W. (2 ME)	Hickory, N. C.
Rivers, J. C. S. (3 Ind Phys)	Johns Island
Rivers, J. D. (4 CE)	Chesterfield
Robbins, C. M. (1 A-Agron)*	Dillon
Roberts, D. E. (2 VAE)	Chester
Roberts, E. W. (3 TE)	Ninety Six
Roberts, G. C. (1 E-EE)	Miley
Roberts, J. V. (1 T-TM)	Rutherfordton, N. C.
Roberts, W. P. (2 A-Ag Ec)	Lugoff
Robin, B (3 TM)*	Asheville, N. C.
Robinson, D. W. (2 TE)*	Troy
Robinson, J. H. (4 EE)	Greenville
Robinson, J. M. (4 CE)	Rembert
Robinson, L. H. (4 Ind Phys)	Greenville
Robinson, R. E. (4 TM)	Greer
Robison, C. (4 TM)	Asheville, N. C.
Robison, M. A. (3 AH)	Donalds
Rochester, D. E. (3 ME)	Walhalla
Rochester, J. R. (2 Ind Phys)	Greenville
Rochester, R. M. (4 EE)	Walhalla
Rochester, W. F. (4 EE)	Walhalla
Rodgers, C. H. (1 A-Dairy)	Callison
Rodgers, G. T. (1 A&S)*	Pittsburg, Pa.
Rodgers, J. H. (4 Hort)	Charleston
Rogan, T. S. (1 A-Agron)	Greelyville
Rogers, B. G. (4 Ag En)	Dillon
Rogers, C. L. (1 T-TM)*	Williamston
Rogers, C. R. (3 TM)	Drayton
Rogers, H. C. (2 A-Agron)	Dillon
Rogers, J. C. (3 CE)	Cowpens
Rogers, J. W. (1 T-TM)	Hartsville
Rogers, Ralph L. (3 EE)	Charleston
Rogers, Robert L. (2 TM)	Pelzer
Rogers, Russell L. (1 T-TM)*	Durham, N. C.
Rogge, E. C. (1 A&S)	Summerville
Rohn, D. F. (1 E-ME)*	Dover, N. J.
Rollison, J. A. (4 CE)	Atlanta, Ga.
Roof, M. L. (2 TM)	Chester
Roper, D. P. (2 TM)	Spartanburg
Rose, A. M. (4 Pre-Med)	Marion
Rose, L. E. (3 ME)	Sardinia
Ross, B. B. (4 EE)	Greer
Ross, J. W. (3 Hort)	Greer
Ross, R. H. (1 E-TE)	Prosperity
Roux, J. A. (1 A-AH)*	Spartanburg
Rowe, O. R. (1 E-ME)	Charlotte, N. C.
Rowell, C. S. (4 Dairy)	Andrews
Rowell, E. (1 A)*	Norway
Rowland, C. B. (2 TM)	Greenville
Royals, D. O. (4 Pre-Med)	Conway
Rozier, C. M. (2 VAE)	Lake View
Rushton, H. G. (2 TE)	Greenville
Russell, R. R. (2 ME)	Columbia
Russell, S. T. (4 Ag En)	Jamestown
Russo, M. E. (3 CE)	New York, N. Y.
Rutledge, W. T. (3 TC)	Greenville
Rutledge, W. W. (1 E-ME)*	Sumter
Ryan, W. H. (3 EE)	Elizabeth, N. J.
Ryan, W. T. (3 TE)	Naval Base
Rye, C. L. (1 E-EE)*	Columbia
Sadler, M. H. R. (4 Arch)	Rock Hill
Saline, M. H. (2 Arch)	Raleigh, N. C.
Salisbury, E. T. (2 A-Dairy)	Summerville
Salley, D. B. (1 E-ME)*	Saluda, N. C.
Salley, G. P. (3 Agron)	Salley
Salley, J. R. (S)	Clemson
Salley, N. R. (3 Agron)	Salley
Salley, W. B. (4 A&S)	Orangeburg
Salter, H. D. (4 CE)	Walterboro
Sample, M. B. (4 Chem)	Greenwood
Sandel, J. A. (4 CE)	Greenville
Sanders, C. B. (2 TM)	Anderson
Sanders, G. S. (3 Ar En)	Bamberg
Sanders, J. D. (1 T-TM)*	Chester
Sanders, J. W. (3 Pre-Med)	Anderson
Sanders, K. R. (3 Arch)	Gaffney
Sanders, K. T. (1 T-TM)*	Anderson
Sanders, L. H. (3 Agron)	Union
Sanders, L. W. (3 CE)	Gaffney
Sanders, R. F. (3 EE)	Dalzell
Sanders, R. M. (1 A-Ag Ec)*	Frogmore
Sanders, R. W. (4 Ag En)	Kline
Sanders, S. L. (3 EE)	Naval Base
Sanders, T. C. (2 VAE)	Yonges Island
Sanders, W. D. (3 ME)	Anderson
Sanderson, J. L. (1 A-AH)	Dillon
Sansbury, R. R. (2 Ag En)*	Effingham
Sapp, D. C. (1 A)	Monroe, N. C.
Sapp, E. F. (3 Ind Phys)	Albany, Ga.
Sargent, F. H. (3 TM)	Spartanburg
Sarracino, J. J. (1 Ed)*	La France
Sarratt, J. H. (2 A-Agron)	Gaffney
Satterfield, R. F. (1 E-EE)	Lyman
Saunders, A. W. (2 A)	Rutherford, N. J.
Saunders, C. E. (2 EE)	East Gastonia, N. C.
Saunders, G. M. (1 A)	Dalzell
Saunders, H. M. (1 E-Ag En)	Indiantown, Fla.
Sawyer, W. B. (2 TM)	Johnston
Saylors, A. E. (3 TM)	Ninety Six
Scannell, W. H. (1 Chem)	Rock Hill
Scarborough, W. L. (1 E-EE)	Florence
Schlock, A. A. (2 VAE)*	Westminster
Schofield, E. C. (2 Pre-Med)	Marion
Schrader, E. D. (3 TM)	Spartanburg
Schrader, M. W. (3 ME)	Spartanburg
Schroder, W. J. (1 T-TM)	West Union
Schuettler, R. W. (1 T-TM)*	Elizabethton, Tenn.
Schwiers, A. B. (2 A-Hort)	Greenville
Schwiers, W. (1 A-AH)	Greenville
Scifo, R. F. (2 CE)*	New York, N. Y.
Scott, H. M. (3 Ag En)	Aiken
Scott, James H. (1 E-EE)	Honea Path
Scott, John H. (4 EE)	Pritchard, Ala.
Scott, R. B. (2 A-AH)	York
Scott, S. L. (1 T-TM)*	Darlington
Scruggs, C. B. (1 VAE)*	Shelby, N. C.
Scruggs, J. H. (1 T-TM)*	Spartanburg
Scurry, W. H. (4 ME)	Edgefield
Seaborn, D. K. (4 TC)	Walhalla
Seaborn, G. B. (3 EE)	Central

Name and Course	Address
Seaborn, G. W. (3 VAE)	Walhalla
Seabrook, E. M. (3 CE)	Mount Pleasant
Seago, B. M. (2 ME)	Vaucluse
Sears, W. B. (3 TM)	Clemson
Sease, E. C. (1 E-ME)*	Columbia
Sease, F. D. (2 A-Agron)	Ehrhardt
Sease, W. C. (1 A)*	Ehrhardt
Sease, W. R. (4 VAE)	Lexington
Seay, E. P. (4 CE)	Charleston
Sedberry, B. R. (4 Arch)	Hartsville
Seddon, F. (4 Ag Ec)	Boston, Mass.
Segars, R. V. (4 Ag En)	Oswego
Seigler, E. W. (4 TM)	Greenwood
Seithel, M. B. (1 E-ME)	Charleston
Self, R. C. (4 TM)	Greenville
Selfridge, H. R. (3 A&S)	Lakeville, Conn.
Sellers, C. L. (4 VAE)	Mount Croghan
Sellers, J. R. (1 Arch)	Bath
Senn, G. A. (2 EE)	Spartanburg
Senn, J. C. (4 EE)	Spartanburg
Settle, D. C. (4 Hort)	Inman
Settlemyer, J. W. (1 Arch)*	Rock Hill
Setzer, J. L. (3 A&S)	Canton, N. C.
Severance, C. E. (4 Ag En)	Darlington
Shadwell, H. C. (4 EE)	Columbia
Shain, C. W. (2 TM)*	Paterson, N. J.
Shands, E. B. (2 A-Dairy)*	Pauline
Sharpe, J. D. (3 CE)	Gaston
Shaw, R. E. (1 T-TM)	Seneca
Shaw, W. L. (1 E-ME)	Marion
Shealy, E. E. (2 VAE)	Gilbert
Shealy, E. L. (2 Ar En)	Columbia
Shealy, E. T. (1 T-TM)	Newberry
Shealy, H. L. (2 A-Hort)	Batesburg
Shealy, J. P. (3 Ind Phys)	Orangeburg
Shealy, P. S. (3 A&S)	Batesburg
Shealy, R. N. (2 TM)	Columbia
Shealy, W. L. (4 AH)	Gilbert
Shearin, A. M. (2 EE)	Darlington
Shedd, G. R. (1 T-TM)	Winnsboro
Sheffler, J. H. (2 ME)*	Niles, Ohio
Shehan, D. B. (1 E-TE)*	Pickens
Sheider, A. L. (1 E-TE)*	Hendersonville, N. C.
Shelley, E. H. (2 VAE)	Nichols
Shelley, L. B. (4 Agron)	Mullins
Shelley, R. (2 VAE)*	Nichols
Shelor, D. R. (4 ME)	Greenville
Shelton, G. F. (2 Ind Ed)	Naval Base
Shelton, G. L. (1 E-EE)	Greenville
Shepard, J. R. (4 Arch)	Washington, D. C.
Sherard, J. W. (3 EE)	Calhoun Falls
Sherard, S. (1 E-ME)	Toccoa, Ga.
Sherard, S. F. (2 VAE)	Calhoun Falls
Sherer, D. G. (1 Arch)*	Columbia
Sherer, L. D. (4 CE)	Greenville
Sheridan, W. M. (4 ME)	Spartanburg
Sherrill, H. L. (2 TM)	Cheraw
Sherwood, E. C. (3 Pre-Med)	Dillon
Shields, J. M. (1 Arch)	Nashville, Tenn.
Shillinglaw, D. H. (1 A-Ag Ec)*	Sharon
Shillinglaw, J. R. (4 Ag Ec)	Sharon
Shirley, D. C. (2 EE)	Orangeburg
Shirley, J. H. (1 E-EE)	Gaffney
Shirley, J. L. (3 A&S)	Sandy Springs
Shockley, J. A. (2 ME)	Falls Church, Va.
Shook, F. D. (3 TM)	Spartanburg
Shoolbred, A. W. (4 CE)	Columbia
Shugart, W. H. (1 VAE)	Sumter
Shuler, J. O. (3 AH)	Holly Hill
Shuler, N. E. (3 Ag En)	Rembert
Shuler, W. A. (2 Ag En)*	Rembert
Shuler, W. S. (1 E-CE)*	Sumter
Sibley, A. B. (2 A)	Greenville
Sibley, W. B. (1 E-TE)	Aiken
Sibley, W. H. (2 A)	Greenville
Sightler, C. W. (3 TM)	Greenville
Sikes, B. R. (3 ME)	Spartanburg
Simmons, W. K. (1 E-EE)*	Oahu, T. H.
Simonds, J. D. (4 ME)	Orlando, Fla.
Simons, G. R. (1 T-TM)	Charleston
Simpson, C. S. (1 Chem)	Columbia
Simpson, D. E. (2 ME)	South Charleston, W. Va.
Simpson, D. M. (2 TC)	Knoxville, Tenn.
Simpson, D. N. (4 CE)	Anderson
Simpson, E. P. (4 EE)	Greenville
Simpson, F. H. (3 TM)	Clinton
Simpson, H. A. (1 A&S)	Gray Court
Simpson, J. A. (2 A-Dairy)	Richburg
Simpson, J. I. (4 Ar En)	Piedmont
Simpson, J. J. (4 A&S)	Anderson
Simpson, M. W. (4 ME)	Williamston
Simpson, R. E. (1 VAE)*	Lancaster
Simpson, R. M. (2 Ind Ed)	Columbia
Simpson, R. R. (1 T-TM)	Westminster
Simpson, V. B. (3 TM)	Clinton
Simpson, W. (1 A-AH)*	Gastonia, N. C.
Sims, D. E. (4 Agron)	Lynchburg
Sims, J. L. (1 A-Hort)	Orangeburg
Sims, R. M. (2 A-Poul)	Spartanburg
Singleton, W. C. (3 CE)	Pickens
Sipple, J. H. (4 EE)	Columbia
Sistrunk, R. W. (4 TM)	Decatur, Ga.
Sites, N. R. (4 AH)	White Rock
Skelton, C. (3 TM)	Anderson
Skelton, R. R. (2 TM)	Atlanta, Ga.
Skelton, T. E. (1 T-TC)*	Clemson
Skerratt, J. D. (2 TE)	Cranford, N. J.
Skinner, C. F. (3 TM)	Woodruff
Skinner, P. B. (4 TE)	Ware Shoals
Skornschek, T. E. (2 CE)	Tampa, Fla.
Slaten, H. W. (1 E-ME)	Williamston
Slattery, J. G. (1 E-CE)*	Greenville
Sligh, R. C. (1 Arch)*	Greenwood
Sloan, C. M. (1 E-Ag En)	Inman
Sloan, J. W. (2 TM)	Clemson
Sloan, P. H. (4 A&S)	Walhalla
Sloan, W. A. (3 Arch)	Anderson
Small, R. L. (1 T-TM)*	Concord, N. C.
Smarr, A. W. (2 Ind Ed)	Hickory Grove
Smiley, R. L. (1 VAE)	Cades
Smith, B. B. (3 A&S)	Charlotte, N. C.
Smith, B. C. (1 E-ME)*	Greenwood
Smith, B. M. (3 TM)	Columbia
Smith, C. A. (1 A)*	Mooresville, N. C.
Smith, C. B. (3 Arch)	Gaffney
Smith, C. F. (3 ME)	North Charleston
Smith, C. H. (3 AH)	Spartanburg
Smith, D. W. (1 VAE)*	Edgefield
Smith, E. A. (2 Ind Ed)	Spartanburg
Smith, E. J. (3 TM)	Buffalo
Smith, G. C. (1 E)*	Washington, D. C.
Smith, H. (3 Pre-Med)	Easley
Smith, H. A. (4 Hort)	Greenville
Smith, H. C. (4 EE)	Spartanburg
Smith, H. E. (3 TM)	Dover, N. C.
Smith, H. K. (3 ME)	Spartanburg
Smith, H. L. (3 TM)	Conover, N. C.
Smith, H. M. (4 Chem)	Rock Hill
Smith, I. (4 VAE)	Pickens
Smith, J. A. (4 AH)	Mullins
Smith, J. Bailey (3 ME)	Rock Hill
Smith, J. Barber (1 E-ME)	Florence
Smith, J. Brooks (1 T-TM)	Florence
Smith, J. Donald (2 Ag En)	West Union
Smith, J. Douglas (4 EE)	Union
Smith, J. E. (3 Dairy)	Spartanburg
Smith, J. H. (2 VAE)	Moncks Corner

Name and Course	Address
Smith, James O. (1 T-TM)*	Donalds
Smith, Joe O. (4 CE)	Elberton, Ga.
Smith, John R. (G Ag Ec)*	Hot Springs, Ark.
Smith, Joseph R. (1 T-TM)*	Westminster
Smith, J. S. (1 E-TE)*	Westminster
Smith, K. (3 EE)	Duncan
Smith, K. B. (2 A&S)	Savannah, Ga.
Smith, K. Y. (2 Arch)	Liberty
Smith, L. B. (4 Agron)	Mullins
Smith, L. S. (4 TM)	Greenville
Smith, O. L. (2 CE)	Anderson
Smith, R. C. (2 A-Agron)	Bishopville
Smith, R. D. (3 ME)	Belton
Smith, R. Earl (1 Pre-Med)	Mullins
Smith, R. Edwin (4 ME)	Greenville
Smith, R. Elmer (3 ME)	Seneca
Smith, R. H. (1 A&S)	Columbia
Smith, R. M. (1 Ar En)	Greenville
Smith, St. C. B. (2 TM)	Spartanburg
Smith, S. H. (1 E-ME)	Allendale
Smith, S. W. (2 TM)	Greenville
Smith, W. B. (2 VAE)*	Cades
Smith, W. M. (2 A-AH)	Oakland, Calif.
Smith, W. W. (2 A-AH)	Bowman
Smithwick, M. A. (4 A&S)	Chester
Smithwick, W. A. (4 Dairy)	Chester
Smoak, J. M. (2 A-AH)*	Pacolet
Snead, J. D. (1 T-TM)*	Chester
Snee, J. J. (1 E-TE)*	New York, N. Y.
Snell, A. W. (4 Ag En)	Elloree
Snipes, J. R. (4 TM)	Greenwood
Snipes, J. W. (3 A&S)	Marion
Snoddy, S. T. (3 Arch)	Rockingham, N. C.
Snyder, P. (1 E-CE)	Spruce Pine, N. C.
Sobocinski, R. J. (1 A&S)*	Pittsburgh, Pa.
Sofge, J. F. (2 TM)	Graniteville
Sojourner, D. C. (4 ME)	St. George
Sompayrac, E. E. (1 A)*	Society Hill
Sosa, D. (4 ME)	Clemson
Soubeyroux, R. S. (2 Ar En)	Charleston
Sowell, J. B. (2 ME)	Asheville, N. C.
Sowell, M. B. (2 VAE)	Elloree
Sowell, T. F. (4 Ag En)	Chesterfield
Sox, H. W. (2 TM)	West Columbia
Spake, H. (1 E-EE)*	Greenville
Spangenberg, J. L. (S)*	Clemson
Sparks, E. G. (4 TM)	Gaffney
Spearman, J. E. (4 TC)	Chattanooga, Tenn.
Spender, G. W. (1 A-AH)*	Maplewood, N. J.
Sperry, C. B. (3 TM)	Spartanburg
Spiner, D. R. (4 Chem)	Tampa, Fla.
Springs, C. E. (3 Ag En)	Loris
Sprouse, E. B. (1 T-TM)	Travelers Rest
Squires, J. T. (1 A-AH)	Latta
Stabler, E. F. (3 EE)	North
Stacy, J. K. (4 Arch)	Savannah, Ga.
Stallworth, W. H. (3 TM)	Spartanburg
Stalvey, A. D. (3 Pre-Med)	Georgetown
Stalvey, C. B. (1 Ed)	Conway
Stamey, J. M. (3 Ag En)	Hartwell, Ga.
Stanaland, W. A. (1 VAE)	Ash, N. C.
Standrod, S. E. (1 E-ME)	Georgetown
Stanley, F. B. (3 Agron)	Marion
Stanley, G. F. (1 VAE)*	Loris
Stanley, J. A. (4 ME)	Sumter
Stanley, L. M. (2 TM)	Conway
Stanley, T. E. (1 Arch)	Hampton
Stanley, W. J. (1 E-TE)	Lancaster
Stanton, H. E. (1 T-TM)	Cheraw
Starnes, W. H. (4 AH)	Salley
Steedly, W. M. (3 Agron)	Bamberg
Steele, E. L. (1 Ed)*	Harrisonburg, Va.
Stegall, H. (1 E-EE)	Pendleton

Name and Course	Address
Stephens, J. H. (1 T-TM)	Greenville
Stephens, L. M. (1 Pre-For)*	Canton, N. C.
Stephens, W. M. (4 ME)	Abbeville
Stevens, H. E. (1 A-Ag Ec)	Conway
Stevens, J. E. (4 TE)	Spartanburg
Stevens, J. T. (3 Ind Phys)	Washington, D. C.
Stevenson, J. A. (3 ME)	Sumter
Stevenson, R. M. (1 A-AH)*	Charlotte, N. C.
Stewart, C. D. (3 TM)	Clemson
Stewart, J. M. (2 ME)	Rock Hill
Stewart, J. W. (1 E-ME)*	Fountain Inn
Stewart, R. M. (S)*	Central
Stewart, T. D. (4 Ar En)	Greenville
Stewart, W. F. (1 VAE)*	Fountain Inn
Still, C. N. (4 Chem)	Greenwood
Stilley, W. A. (1 E-ME)*	Conway
Stockman, B. R. (1 T-TM)	Prosperity
Stoddard, L. C. (1 VAE)	Fountain Inn
Stokes, A. T. (3 ME)	Greer
Stone, C. B. (2 TM)	Williamston
Stone, C. E. (4 EE)	Columbia
Stone, H. N. (1 Arch)	St. Matthews
Stone, J. D. (4 TM)	Rock Hill
Stone, W. L. (1 VAE)*	Pamplico
Stoudenmire, S. W. (2 VAE)	Lone Star
Stovall, J. H. (2 CE)	Elberton, Ga.
Stover, L. M. (2 Ag En)	Kershaw
Stribling, C. V. (3 A&S)	Seneca
Stribling, H. L. (3 EE)	Charleston
Stribling, W. R. (3 A&S)	Pelzer
Strickland, C. H. (2 A-Dairy)	Oakboro, N. C.
Strickland, G. M. (3 Ch En)	Concord, Ga.
Strom, J. G. (3 TM)	McCormick
Stroman, J. L. (4 TM)	Orangeburg
Stroud, D. D. (3 ME)	Lyman
Stroud, H. D. (3 TE)	Richland
Strug, J. P. (3 EE)	Union
Stuckey, G. (4 AH)	Bishopville
Stuckey, J. F. (3 EE)	Hartsville
Stukes, O. L. (3 Pre-Med)	Manning
Sublette, R. A. (3 TM)	Westminster
Suddeth, J. A. (S)	Clinton
Suggs, F. D. (3 TE)	Anderson
Sullivan, M. W. (4 Agron)	Laurens
Sullivan, S. B. (3 A&S)	Anderson
Summer, F. J. (1 Arch)	Newberry
Summey, J. C. (1 T-TM)	Clemson
Sundberg, E. E. (1 T-TM)*	Reading, Pa.
Sutherland, F. G. (1 T-TM)*	Spartanburg
Sutton, B. K. (3 TM)	Greenville
Swan, R. S. (1 E-ME)	Greenville
Swearingen, W. R. (4 A&S)	Greenwood
Sweatman, M. R. (2 TM)	Charleston
Sweeny, H. C. (4 ME)	Anderson
Swett, J. A. (1 A)*	Dunbarton
Swygert, H. B. (4 ME)	Greenville
Swygert, L. S. (3 AH)	Waterloo
Taber, W. R. (3 EE)	Greenville
Tait, R. K. (1 E-ME)*	Brunswick, Ga.
Talbert, W. C. (4 A&S)	Columbia
Tankersley, C. E. (2 EE)	Augusta, Ga.
Tanner, J. P. (1 A-AH)	Hemingway
Tarleton, H. H. (3 Arch)	Union
Tarrant, W. B. (2 EE)	Columbia
Tarver, W. B. (4 Chem)	Savannah, Ga.
Tate, J. M. (2 A-AH)*	Gaffney
Taylor, A. P. (3 EE)	Charleston
Taylor, B. E. (3 TM)	Greer
Taylor, C. B. (2 ME)*	Lancaster
Taylor, C. C. (3 Ag Ec)	Greenville
Taylor, C. E. (2 Ar En)	Lexington
Taylor, E. G. (1 E-EE)	Columbia
Taylor, E. L. (2 ME)	Lexington

Name and Course	Address
Taylor, G. E. (1 T-TM)*	Newnan, Ga.
Taylor, G. H. (4 Hort)	Gilbert
Taylor, G. W. (1 T)*	Pelzer
Taylor, R. F. (2 VAE)	Gilbert
Taylor, R. N. (3 TE)	Spartanburg
Taylor, R. P. (3 CE)	Greenville
Taylor, W. F. (3 TC)	Charleston
Taylor, W. M. (3 EE)	Anderson
Teague, H. B. (1 A)*	Gaffney
TeBow, J. R. (3 Ind Phys)	Augusta, Ga.
Tecklenburg, H. (4 A&S)	Charleston
Tedder, J. B. (2 EE)	Cherryville, N. C.
Terry, A. M. (2 EE)	Iva
Tewkesbury, A. M. (4 CE)	Aiken
Tewkesbury, P. (4 Ind Ed)	Aiken
Thayer, W. B. (1 E-ME)	Spartanburg
Thieker, F. H. (4 EE)	Georgetown
Thiele, H. J. (4 EE)	Charleston
Thomas, C. A. (1 A-Ent)	Longs
Thomas, C. E. (1 E-CE)	White Hall
Thomas, C. H. (2 Ag En)	Holly Hill
Thomas, C. T. (1 E-CE)*	Walhalla
Thomas, E. H. (1 Ed)*	Walterboro
Thomas, J. H. (1 E-CE)	Trion, Ga.
Thomas, J. L. (3 Ar En)	Dillon
Thomas, J. W. (1 E-Ch En)*	Walhalla
Thomas, R. T. (4 Arch)	Houston, Tex.
Thomas, W. F. (3 TM)	Calhoun Falls
Thomas, W. H. (4 A&S)	Greenville
Thomas, W. N. (1 E-TE)*	Brunswick, Ga.
Thomason, J. M. (3 CE)	Toccoa, Ga.
Thompson, A. L. (3 Ind Phys)	Anderson
Thompson, C. A. (2 Pre-For)	Georgetown
Thompson, G. A. (4 ME)	Sumter
Thompson, G. N. (3 TC)	Langley
Thompson, H. E. (4 TM)	Honea Path
Thompson, H. H. (1 T-TM)	North Augusta
Thompson, H. T. (4 EE)	Columbia
Thompson, J. C. (2 TM)	Honea Path
Thompson, J. D. (4 EE)	Greenville
Thompson, J. R. (1 T-TM)	Washington, D. C.
Thompson, J. T. (2 EE)*	Charlotte, N. C.
Thompson, J. V. (1 Ed)*	Saxonbury, Pa.
Thompson, James W. (2 ME)	Columbia
Thompson, John W. (4 Arch)	Williston
Thompson, N. S. (2 ME)	Greenville
Thompson, O. L. (1 E-EE)*	Charlotte, N. C.
Thompson, O. N. (3 A&S)	Columbia
Thompson, R. B. (1 E-TE)*	Walterboro
Thompson, W. C. (2 TM)	Greenwood
Thompson, W. L. (1 T-TC)*	Honea Path
Thorne, W. C. (3 EE)	Sumter
Thornton, E. C. (4 TC)	Spartanburg
Thruston, M. G. (1 T-TM)	Greenville
Tice, N. R. (1 T-TM)*	Brooklyn, N. Y.
Till, C. E. (3 VAE)	Ruffin
Till, H. G. (2 EE)	Orangeburg
Tiller, H. W. (4 Agron)	Mayesville
Tiller, J. W. (1 A-Agron)	Mayesville
Tilley, H. (1 T-TM)*	Calhoun Falls
Timmerman, D. S. (3 EE)	Augusta, Ga.
Timmerman, G. R. (2 A&S)	Charleston
Timmons, J. K. (4 CE)	Piedmont
Timmons, R. L. (1 Arch)*	Rock Hill
Timms, S. M. (3 TE)	Anderson
Tinsley, E. S. (1 E-TE)	Hodges
Tinsley, J. A. (3 Ind Ed)	Fort Mill
Tisdale, W. M. (3 TM)	Sumter
Tison, J. A. (1 Pre-Med)	Bennettsville
Tobin, H. M. (3 TC)	North Charleston
Todd, B. E. (1 Pre-For)*	Tampa, Fla.
Todd, J. N. (3 ME)	Washington, D. C.
Todd, L. O. (4 TE)	Fairfax
Todd, R. M. (3 TM)	Anderson
Todd, W. R. (1 E-ME)*	Greenwood
Tolbert, J. A. (4 ME)	Greenville
Tominack, I. L. (2 Ch En)*	Windsor Heights, W. Va.
Tommie, W. J. (1 Pre-Med)	Mountville
Tompkins, P. P. (2 ME)	Summerville
Toney, C. C. (3 TM)	Richland
Townes, J. H. (3 Arch)	Pickens
Townsend, J. C. (2 Ag En)	Orlando, Fla.
Townsend, L. M. (4 CE)	Pisgah Forest, N. C.
Townsend, R. E. (4 TM)	Laurens
Trakas, P. N. (3 Pre-Med)	Spartanburg
Tribble, R. M. (1 E-ME)*	Greenwood
Triplett, J. T. (3 CE)	Chester
Tripp, P. D. (1 E-CE)	Greenville
Trively, M. C. (S)*	Clemson
Trowell, L. M. (3 AH)	Lena
Trueblood, L. C. (4 TM)	Asheville, N. C.
Truesdale, G. G. (4 VAE)	Spencer, N. C.
Truluck, T. D. (2 Pre-Med)	Union
Turnage, L. W. (3 ME)	Hartsville
Turner, A. N. (2 A&S)	Reidsville, N. C.
Turner, G. C. (1 E-EE)*	Marion
Turner, H. C. (2 EE)	Greenville
Turner, H. E. (3 Ar En)	Greenville
Turner, J. H. (2 ME)	Spartanburg
Turner, J. T. (4 EE)	Winnsboro
Turner, M. N. (2 TM)	Spartanburg
Turner, T. H. (1 Arch)	Greenville
Turner, T. J. (S)	Clemson
Turner, T. P. (2 Ar En)	Gaffney
Turner, W. B. (3 Ind Ed)	Blacksburg
Turner, W. W. (3 Ag En)	Travelers Rest
Tuten, C. R. (2 A-AH)	Ridgeland
Tyler, H. H. (3 TC)	Aiken
Tyler, H. K. (1 E)*	Hampton, Va.
Uldrick, G. E. (4 TM)	Donalds
Uldrick, J. P. (3 CE)	Donalds
Uldrick, R. C. (4 Ag En)	Donalds
Ullnick, B. (3 TM)	Paterson, N. J.
Ulmer, C. O. (4 CE)	Elloree
Ulmer, C. R. (2 TM)	Greenville
Ulmer, F. S. (2 EE)	Brunson
Ulmer, H. E. (3 Chem)	Hartsville
Ulmer, J. S. (2 A-Agron)	North
Upright, C. M. (1 E-ME)*	Mooresville, N. C.
Vaigneur, H. O. (1 E-Ag En)*	Ridgeland
Vallentine, J. G. (1 A-Dairy)	Cope
Vanadore, H. E. (1 T-TM)*	Anderson
Vance, C. E. (1 E-EE)*	Greenville
VanderSchans, P. A. (2 Arch)*	Glen Ridge, N. J.
Van Ham, R. N. (2 TM)*	Auburn, Maine
Van Hook, E. (2 Ch En)	Atlanta, Ga.
Vansant, F. B. (2 VAE)	Leesville
Varnadore, W. E. (1 VAE)	Westminster
Varner, J. F. (2 TM)	Ashland, Ga.
Varner, J. R. (1 T-TM)	Buffalo
Vassey, W. R. (1 A&S)	Marietta
Vaughan, O. H. (2 ME)	Seneca
Vaughn, E. M. (4 EE)	Greenwood
Vaughn, W. D. (3 Ar En)	Union
Vause, R. Z. (S)	Clemson
Veal, C. D. (3 ME)	Cedartown, Ga.
Vehorn, B. L. (3 ME)	Boston, Mass.
Vermillion, R. J. (3 VAE)	Ware Shoals
Vernon, R. J. (3 Ind Ed)	Greenville
Vick, W. T. (2 EE)	Lancaster
Vickery, A. V. (4 ME)	Hartwell, Ga.
Vickery, K. N. (S)	Clemson
Vickery, L. L. (1 Pre-Med)*	Central

Name and Course	Address
Vinson, J. L. (3 TM)	Union
Volk, L. R. (4 TM)	Long Island, N. Y.
von Glahn, E. H. (2 Arch)	Charleston
Von Harten, C. H. (2 ME)	Beaufort
Von Kaenel, J. C. (2 ME)	Monroe, Wis.
Vuksta, C. (2 ME)	Hellertown, Pa.
Waddell, R. B. (4 Ch En)	Charlotte, N. C.
Wade, D. A. (1 E-ME)*	Spartanburg
Wade, J. D. (1 T-TM)	Lenior City, Tenn.
Wade, R. W. (3 ME)	Greenville
Wagner, N. P. (4 ME)	Newark, N. J.
Wald, E. C. (4 TM)	Seneca
Walden, C. M. (3 Ag En)	Landrum
Walker, A. W. (1 A&S)	McDonough, Ga.
Walker, C. T. (3 A&S)	Summerton
Walker, H. O. (3 Ar En)	Union
Walker, H. P. (3 Pre-Med)	Fort Mill
Walker, J. T. (4 VAE)	Manning
Walker, W. H. (1 E-TE)*	Laurens
Walker, W. S. (2 VAE)	Blackville
Wall, M. H. (2 A-Hort)	Lyman
Wallace, J. W. (3 A&S)	Central
Wallace, O. L. (4 AH)	Dillon
Walpole, J. L. (3 CE)	Frogmore
Walser, J. F. (3 TE)	Salisbury, N. C.
Walsh, A. A. (1 E-EE)*	West Englewood, N. J.
Walters, D. M. (1 E-CE)	Salisbury, N. C.
Walters, H. R. (1 E-ME)*	St. George
Walton, G. T. (3 A&S)	Belton
Walton, W. L. (3 ME)	Ellenton
Waltz, M. R. (1 E-EE)	Barnwell
Wannamaker, R. L. (1 E-ME)*	Columbia
Wannamaker, W. F. (4 ME)	Columbia
Ward, A. G. (4 TM)	Greenville
Ward, G. E. (2 TM)*	Badin, N. C.
Ward, N. J. (2 EE)	Andrews
Ward, T. (2 Ch En)	McClellanville
Ward, W. A. (4 CE)	Darlington
Ward, W. B. (4 Pre-Med)	Rock Hill
Ware, A. L. (2 EE)	Greenville
Ware, C. B. (2 A-Ag Ec)*	Due West
Ware, M. T. (2 EE)	Iva
Warman, L. L. (1 T-TM)*	Danville, Ind.
Warner, C. H. (3 Ag En)	Wagener
Warner, C. K. (PG Ar En)	Louisville, Ky.
Warner, R. E. (3 AH)	Florence
Warren, T. A. (3 AH)	Prosperity
Warrick, A. E. (3 TM)	Old Hickory, Tenn.
Washington, E. J. (1 T-TM)	Pelzer
Waters, J. D. (2 TM)	Johnston
Watkins, F. M. (2 EE)	Greenville
Watkins, G. L. (1 VAE)	Hartsville
Watkins, J. M. (S)	Clemson
Watkins, W. E. (3 CE)	Greenville
Watson, A. I. (4 EE)	Greenville
Watson, A. W. (3 CE)	Easley
Watson, H. J. (3 EE)	Anderson
Watson, M. C. (3 Pre-Med)	Ridge Springs
Watson, R. O. (4 A&S)	Blaney
Watson, S. J. (1 Arch)*	Florence
Watson, W. C. (1 A-Ag Ec)	Conway
Watt, E. B. (PG Arch)*	Hartsville
Watt, F. L. (1 T-TM)*	Pelzer
Watts, A. H. (1 E-ME)	Greenville
Way, R. E. (3 ME)	Branchville
Wayne, H. S. (4 EE)	Charleston
Weaver, G. E. (1 E-TE)	Darlington
Webb, C. (4 CE)	Beaufort
Webb, E. W. (2 TM)	Marion
Webb, F. T. (2 A&S)	Union
Webb, J. E. (1 E-ME)*	Hazel Green, Ala.
Webster, R. E. (1 Pre-Med)	Moncks Corner
Weed, H. F. (3 Hort)	Irmo
Weeks, C. J. (4 Ind Ed)	North Augusta
Weeks, P. H. (1 E-Ag En)	Aiken
Weeks, T. J. (4 ME)	Charleston
Weinheimer, C. A. (3 ME)	Charleston
Weir, F. J. (4 TM)	Newberry
Weisner, L. E. (4 EE)	Laurens
Welborn, D. T. (2 A-AH)	Chester
Welch, W. L. (2 Bot & Pre-For)	Georgetown
Weldon, R. D. (1 E-CE)	Charleston
Wells, E. R. (1 E-ME)	Gaffney
Wells, J. D. (1 A&S)	Sumter
Welter, J. F. (2 A)	Greenville
Wenck, F. W. (1 Pre-Med)*	Fountain Inn
Wendell, H. P. (1 T-TM)	New York, N. Y.
Wertz, J. D. (1 Arch)*	Saluda
Wessinger, H. O. (1 A-Dairy)	West Columbia
Wessinger, J. E. (3 A&S)	Leesville
Wessinger, N. C. (3 A&S)	Springfield
West, A. E. (4 TE)	Greenville
West, C. E. (1 T-TM)	Spartanburg
West, H. S. (3 TM)	Union
West, J. R. (4 Poul)	Spartanburg
West, R. K. (2 VAE)	Cameron
West, W. E. (4 ME)	Greenville
West, W. F. (4 EE)	Spartanburg
Westbrook, R. A. (3 VAE)	Blacksburg
Westbury, H. M. (2 Pre-For)	McColl
Westbury, J. A. (1 E-Ch En)	Georgetown
Westmoreland, C. H. (1 E-CE)*	Westminster
Westmoreland, R. N. (3 TC)	Winston Salem, N. C.
Westmoreland, R. W. (3 TE)	Greenville
Westmoreland, W. A. (3 VAE)	Clover
Whall, R. F. (PG Ch En)	San Juan, P. R.
Wham, R. D. (3 Agron)	Mountville
Wheatley, L. M. (2 A&S)	Kathwood
Wheless, H. H. (2 Ag En)	Thomaston, Ga.
Whetstone, W. V. (2 TM)	Denmark
Whitaker, H. H. (3 Dairy)	Clinton
Whitaker, R. L. (3 TE)	Union
White, A. C. (2 A-Ent)	Clearwater, Fla.
White, D. R. (1 T-TM)*	Scranton
White, H. M. (4 Ag En)	Charlotte, N. C.
White, J. C. (1 E-CE)	Inman
White, J. L. (4 Agron)	McCormick
White, L. G. (2 ME)	Gaffney
White, L. I. (1 E-ME)*	Florence
White, L. W. (4 Ed)	Easley
White, M. W. (3 ME)	Charlotte, N. C.
White, P. J. (4 TM)	Greenville
White, R. H. (2 ME)*	Charlotte, N. C.
White, T. E. (2 Chem)	Anderson
White, W. C. (4 AH)	Chester
White, W. P. (2 EE)	Greenville
Whitehead, C. J. (1 E-TE)	Greenville
Whitehead, L. E. (3 A&S)	Gainesville, Ga.
Whitesides, H. S. (I E-EE)	Chester
Whitfield, N. C. (1 T-TM)	Townville
Whitlaw, J. L. (3 ME)	North Augusta
Whitmire, F. L. (1 A)	Seneca
Whitmire, J. B. (2 VAE)	Griffin, Ga.
Whitmire, J. D. (1 T-TM)*	Johnson City, Tenn.
Whitmire, R. J. (2 A&S)	Asheville, N. C.
Whitmire, T. E. (2 Ar En)	Asheville, N. C.
Whitten, D. L. (1 T-TM)	Pell City, Ala.
Wicker, A. R. (1 E-ME)*	Newberry
Wickham, F. L. (1 T-TM)*	Charlottesville, Va.
Wiggins, R. F. (4 A&S)	Mullins

Name and Course	Address
Wilbanks, A. T. (4 TM)	Laurens
Wilds, G. J. (2 A-Agron)*	Hartsville
Wiley, H. S. (2 ME)*	McCormick
Wilk, J. P. (4 Arch)--East Port Chester, Conn.	
Wilkerson, F. M. (4 A&S)	Hickory Grove
Wilkerson, J. S. (3 Ind Phys)--Hickory Grove	
Wilkerson, R. E. (2 VAE)	Hickory Grove
Wilkie, W. J. (1 E-EE)*	Summerton
Wilkins, R. I. (4 Arch)	Florence
Willard, C. D. (4 ME)	Whitmire
Williams, C. D. (1 E-TE)	Lancaster
Williams, Carroll F. (2 ME)	Landrum
Williams, Clarence F. (3 EE)	Orangeburg
Williams, D. B. (1 A-Ag Ec)*	Landrum
Williams, D. D. (4 TE)	Georgetown
Williams, J. A. (2 VAE)*	Naval Base
Williams, J. E. (4 Arch)	Spartanburg
Williams, J. F. (3 Agron)	Dacusville
Williams, J. K. (1 E-TE)	McBee
Williams, J. S. (3 TM)	Anderson
Williams, J. W. (3 ME)	Spartanburg
Williams, L. E. (2 Ar En)	Toccoa, Ga.
Williams, L. P. (4 EE)	North Augusta
Williams, R. N. (2 TM)	Spartanburg
Williams, R. R. (4 VAE)	Swansea
Williams, V. K. (1 VAE)	Swansea
Williams, W. B. (S)	Clemson
Williamson, D. M. (2 ME)	Naval Base
Williamson, J. A. (1 Arch)*	Naval Base
Williamson, J. G. (2 TE)	Timmonsville
Williamson, M. L. (2 TM)	Whitmire
Williamson, N. E. (3 AH)	McConnellsville
Williamson, W. T. (1 A-Dairy)*	Naval Base
Willimon, C. P. (3 Poul)	Greenville
Willis, A. E. (2 TM)	Chicopee, Ga.
Willis, R. R. (2 TM)	Gaffney
Willis, S. M. (2 TM)	Greenwood
Wilson, C. T. (3 A&S)	Allendale
Wilson, C. W. (3 Ag En)	Landrum
Wilson, D. N. (2 CE)	Greenville
Wilson, E. L. (1 T-TM)	Springfield
Wilson, F. O. (1 T-TC)	Lyman
Wilson, H. W. (1 T-TM)	Greenville
Wilson, J. (4 TC)	Anderson
Wilson, J. C. (2 EE)	Greenville
Wilson, J. F. (1 E-ME)	Newberry
Wilson, J. H. (1 T-TM)	Blacksburg
Wilson, J. K. (3 A&S)	Wellford
Wilson, L. E. (2 TM)*	Spartanburg
Wilson, M. C. (3 CE)	Darlington
Wilson, M. M. (1 E-Ag En)*	Columbia
Wilson, R. G. (1 E-EE)	Greenwood
Wilson, T. C. (1 E-ME)*	Greenwood
Wilson, T. D. (2 A-Ag Ec)	Cades
Wilson, V. W. (1 A-Poul)*	Columbia
Wilson, W. F. (4 CE)	Greensboro, N. C.
Wilson, W. L. (3 TM)	Williamston
Winburn, W. C. (3 VAE)	Hartsville
Windsor, W. D. (2 TM)	Pell City, Ala.
Wingard, H. C. (3 ME)	Lexington
Wingate, W. H. (4 Ch En)	Fairhaven, Mass.
Wingo, B. W. (1 E-ME)	Spartanburg
Winn, J. C. (2 VAE)*	McCormick
Wise, J. F. (4 AH)	McCormick
Wise, K. C. (2 TM)	Prosperity
Wise, L. M. (3 TM)	Greenville
Withington, J. M. (4 TC)	Greenville
Witt, D. H. (2 EE)	Swansea
Witt, L. H. (1 E-ME)*	Swansea
Wolfe, G. A. (2 VAE)	Inman
Wolfe, R. M. (2 EE)	Rock Hill
Wolfe, T. M. (3 TE)	Orangeburg
Womack, G. T. (4 Chem)	Cheraw
Wood, A. L. (2 TE)	Newberry
Wood, A. W. (4 Ar En)	Greenville
Wood, J. C. (4 ME)	Chester
Wood, J. H. (1 E-ME)*	North Charleston
Wood, J. R. (1 T-TM)	York
Wood, L. A. (3 TM)	Ware Shoals
Wood, M. M. (4 CE)	Greer
Wood, R. J. (1 Ar En)*	Marion
Wood, W. A. (4 A&S)	Greenwood
Wood, W. H. (4 ME)	Gray Court
Woodcock, F. E. (3 Ag Ec)	Pelzer
Woodfin, J. W. (1 E-Ag En)	Inman
Woodham, B. G. (3 Arch)	Monticello, Ark.
Woodle, H. A. (2 Ch En)	Clemson
Woods, S. G. (1 A-Hort)	Greenville
Woodward, A. Q. (2 Chem)	Aiken
Woodward, N. E. (1 E-Ag En)*	Aiken
Woollen, C. L. (2 ME)	Atlanta, Ga.
Wooten, L. E. (2 Ch En)	Greenville
Workman, R. R. (4 Arch)	Charlotte, N. C.
Worley, C. D. (1 A&S)	Washington, D. C.
Worley, S. (4 Agron)	Windsor
Worth, H. P. (2 TE)	Greenville
Worth, W. T. (1 E-TE)*	Greenville
Worthy, H. R. (3 ME)	Lockhart
Wright, B. C. (1 E-EE)	Belton
Wright, F. D. (3 CE)*	Asheville, N. C.
Wright, F. L. (1 E-EE)	Chester
Wright, G. C. (4 EE)	Seneca
Wright, J. T. (1 Arch)*	Rock Hill
Wright, T. S. (1 E-CE)*	Sumter
Wrightenberry, E. G. (1 T-TM)*	Burlington, N. C.
Wylie, W. C. (1 T-TC)*	Rock Hill
Wylie, W. L. (2 TE)	Winnsboro
Wylie, W. O. (2 TM)	Chester
Wyly, J. C. (3 TM)	Anderson
Wyndham, E. G. (3 AH)	Moncks Corner
Wyndham, S. F. (2 A-AH)	Moncks Corner
Wyse, J. A. (2 TE)	Spartanburg
Yarborough, F. K. (3 ME)--Mooresboro, N. C.	
Yarbrough, D. R. (3 TM)	York
Yarbrough, J. R. (2 Arch)	Salisbury, N. C.
Yeargin, G. A. (3 Arch)	Anderson
Yeargin, R. H. (4 CE)	Gray Court
Yecko, G. F. (2 Arch)	McDonald, Pa.
Yobs, R. L. (3 TM)	Columbia
Yonce, J. E. (4 AH)	Johnston
Young, E. R. (3 TM)	Honea Path
Young, S. P. (3 Ag En)	Dalzell
Zakim, G. (2 Arch)*	Paterson, N. J.
Zeigler, J. T. (4 CE)	Cope
Zouras, P. S. (2 EE)	Greenwood

SUPPLEMENTARY LIST OF STUDENTS

SECOND SEMESTER, 1948-1949

Name and Course	Address
Adair, J. L. (4 AH)	Clinton
Addabbo, D. J. (1 Arch)*	New York, N.Y.
Aimar, L. B. (2 Ar En)*	Charleston
Akers, M. F. (1 A&S)*	Atlanta, Ga.
Allen, H. F. (2 A-Agron)	Latta
Allen, L. R. (1 VAE)*	Kings Creek
Anagost, N. P. (1 E-CE)*	Greenwood
Anderson, J. H. (2 A&S)	Chester
Anderson, R. B. (3 Poul)*	Sleepy Eye, Minn.
Andrews, L. R. (3 Ind Ed)	Elliott
Andryaitis, A. J. (2 TM)	Pittsburgh, Pa.
Angley, D. T. (2 A&S)*	East Gastonia, N. C.
Armstrong, J. W. (1 A&S)*	Augusta, Ga.
Arthur, R. A. (PG CE)*	Spartanburg
Ashmore, R. L. (1 Ind Ed)	Greenville
Askins, S. E. (2 Ch En)	Kingstree
Bailey, T. A. (1 A-AH)*	Naval Base
Baker, L. K. (2 Pre-Med)	Sumter
Ballentine, G. W. (1 TM)*	Blythewood
Bedell, D. M. (3 A)	Ridgeland
Bedingfield, B. H. (1 E-TE)*	Greenville
Beery, T. W. (1 E-ME)*	Pooler, Ga.
Bell, R. R. (1 TM)*	Pelzer
Beller, E. J. (1 E-ME)*	Washington, D. C.
Bennett, R. M. (2 Ag En)*	Greer
Berry, B. C. (2 A-Ag Ec)	Johnston
Berry, E. M. (2 Ag En)	North Charleston
Berry, P. H. (1 TM)*	Saluda
Bigby, M. E. (S)*	Clemson
Bird, T. F. (1 A-AH)*	Inman
Black, R. G. (4 CE)	Rock Hill
Blackwell, H. E. (2 TM)*	Gaffney
Blackwell, J. B. (1 E-Ag En)	Landrum
Blessing, A. L. (1 E-ME)*	Kingsport, Tenn.
Bloxham, J. C. (2 A)*	Columbia
Bodiford, H. O. (1 A-Agron)	Clemson
Boggs, C. R. (1 TM)*	Greenville
Boggs, R. D. (1 A-Poul)*	Central
Bolick, B. L. (2 EE)	Brookford, N. C.
Bolick, J. H. (1 A-Hort)*	Marietta
Bolt, F. (1 E-EE)*	Gray Court
Bond, L. P. (2 ME)	Columbia
Booker, F. W. (S)*	Clemson
Boyd, R. H. (3 Agron)	Rock Hill
Brandt, G. F. (2 CE)*	Augusta, Ga.
Branyon, E. H. (2 EE)	Greenville
Brasington, W. H. (1 E-ME)	Columbia
Bridges, J. E. (2 TE)	Rock Hill
Brodley, S. (1 TM)*	Brooklyn, N. Y.
Brothers, B. R. (1 A&S)	Greenville
Brown, Ray C. (1 A)*	Townville
Brown, W. S. (1 TM)*	Spartanburg
Burgin, J. F. (2 CE)*	Black Mountain, N. C.
Burley, M. M. (2 Ind Ed)	Spartanburg
Buzzell, W. V. (1 Arch)*	Augusta, Maine
Cameron, E. L. (1 E-EE)*	Saluda
Campbell, D. H. (2 TM)	Edgefield
Campbell, H. T. (1 TM)*	Chester
Cannada, R. L. (2 TC)	Taylors
Cason, C. R. (1 E-CE)*	Walhalla
Chambers, J. W. (S)*	Greenville
Chaplin, H. M. (2 A-Agron)*	Neeses
Ciarfello, M. J. (1 Ar En)*	Hawthorne, N. J.
Clark, B. D. (4 VAE)	Johnston
Clifford, G. D. (1 A-AH)*	Newton, Ga.
Cloud, R. P. (1 E-EE)	Kingsport, Tenn.
Coggins, C. D. (1 E-CE)*	Greenville
Coleman, A. L. (1 VAE)*	Hyman
Coleman, W. R. (3 CE)	Anderson
Collins, M. A. (1 Ind Ed)	Walhalla
Conway, J. W. (3 EE)	Somerville, Mass.
Cook, J. C. (S)	Clemson
Cook, J. W. (1 E-EE)*	Seneca
Cornette, J. J. (3 Pre-Med)	Morristown, Tenn.
Cornwell, J. B. (2 TM)*	Great Falls
Cornwell, J. C. (3 AH)	Leeds
Covington, D. H. (1 Pre-Med)	Burnsville, N. C.
Cox, C. D. (2 TM)	Albany, Ga.
Cox, J. M. (2 Arch)*	Kingsport, Tenn.
Craig, J. T. (2 Ag En)	Pickens
Crawford, G. E. (1 Arch)*	Gray Court
Crawford, L. J. (2 TM)*	Union
Creech, E. R. (2 TM)	Spartanburg
Crisanti, J. W. (4 A&S)	Manasquan, N. J.
Croke, T. M. (2 CE)*	Philadelphia, Pa.
Crouch, R. E. (1 A&S)*	St. Petersburg, Fla.
Culberson, C. K. (1 TM)	Shannon, Ga.
Davis, B. W. 2 TM)	Greenville
Davis, R. A. (1 E-TE)*	Greenville
Day, J. E. (2 Ind Ed)	Chester
Deering, G. F. (1 E-ME)*	Anderson
Dellinger, D. F. (1 E-CE)	Moncks Corner
Demopoulos, J. A. (1 Arch)*	Orlando, Fla.
Dixon, E. C. (1 TM)*	Darlington
Dohar, E. J. (1 E-CE)*	Wattsville
Donelon, J. M. (S)	Clemson
Dowling, J. H. (1 TM)	Chester
Draper, C. H. (1 TM)*	Spartanburg
Duncan, W. F. (2 Arch)	Greer
Dunn, O. H. (1 TM)*	Birmingham, Ala.
Earle, T. P. (1 VAE)*	Central
Earnhardt, R. A. (3 TM)	Spartanburg
Easterby, H. A. (1 E-EE)	Charleston
Edwards, J. W. (1 E-CE)*	Wilson, N. C.
Ellison, J. R. (1 TM)	Williamston
Evans, A. W. (1 A&S)*	Savannah, Ga.
Faulkenberry, F. W. (2 ME)	Chester
Fennell, C. A. (1 A)*	Chester
Ferguson, C. R. (2 TM)	Atlanta, Ga.
Few, J. C. (1 Arch)*	York
Flowers, W. E. (1 TM)*	Lancaster
Floyd, G. O. (1 E-ME)*	McBee
Fogle, M. S. (2 A)	Orangeburg
Font, C. G. (1 E-EE)*	Santurce, P. R.
Ford, W. E. (1 Ch En)*	Medford, Mass.
Fore, C. W. (2 A&S)	Latta
Fowler, W. C. (3 Ar En)	Columbia
Franklin, M. S. (2 TM)	Aiken
Freeman, C. B. (1 Ind Phys)*	Westminster
Gaddis, R. S. (3 Ar En)	Taylors
Gadey, C. H. (2 VAE)*	Pearl River, N. Y.
Gardner, T. B. (2 A)	Mullins
Garren, D. M. (3 TE)	Greenville
Garrett, J. E. (2 ME)	Orangeburg
Garrett, O. S. (2 Ind Ed)	Greenville
Garrison, J. B. (1 TM)*	Greenville
Garrison, W. H. (2 Arch)	Columbia
Gentry, J. B. (S)*	Clemson
Gilden, J. H. (2 TM)	Walhalla
Godfrey, R. W. (1 TM)*	Greenville
Godwin, W. Y. (4 Ag En)	Summerton
Gordon, J. C. (1 E-EE)	Liberty
Graham, A. T. (2 TM)	Scranton
Grant, J. H. (1 E-TE)	Easley
Graves, C. L. (1 Arch)*	Bluffton
Green, J. V. (2 TM)*	Rock Hill

Name and Course	Address
Greer, F. (2 ME)	Duncan
Gregg, R. L. (2 TM)*	Asheville, N. C.
Hall, W. E. (1 A&S)*	Anderson
Hamilton, E. H. (3 ME)	Seneca
Hammett, T. B. (2 A-Agron)*	Inman
Hardin, J. T. (2 TM)	Whitmire
Harllee, A. H. (1 E-ME)*	Florence
Harrell, S. S. (1 A)*	Ferndale, Mich.
Harris, D. D.(4 ME)	Laurens
Harris, J. N. (1 E-Ag En)*	Anderson
Harris, W. A. (2 VAE)	Seneca
Harrison, H. H. (3 Ind Ed)	Pendleton
Hayslip, C. C. (4 ME)	Spartanburg
Heatley, S. M. (1 E-EE)*	Moncks Corner
Hendricks, D. (2 Ag En)	Liberty
Hester, F. T. (1 TM)*	Greenville
Heyer, J. L. (1 A-Agron)*	Butler, Pa.
Hill, F. D. (3 TM)	Spartanburg
Hittinger, E. M. (2 EE)	Weatherly, Pa.
Hodge, Charles R. (1 TM)*	Pelzer
Holland, G. H. (3 AH)	Fountain Inn
Holland, J. C. (1 E-ME)	Mooresboro, N. C.
Holliday, W. T. (1 E-TE)*	Greer
Holroyd, R. F. (3 A&S)	Anderson
Holt, J. E. (2 ME)*	Sellers
Horton, S. R. (2 TM)	Rock Hill
Hough, J. T. (1 E-ME)*	Charlotte, N. C.
Hromi, J. D. (S)*	Clemson
Hudson, W. G. (S)	Clemson
Hunt, M. L. (1 E-TE)*	Laurens
Hunter, M. P. (2 A-AH)	Ora
Hyder, A. G. (1 A&S)*	Anderson
Ingram, H. W. (1 E-ME)*	Rockingham, N. C.
Izlar, T. W. (2 ME)	Charleston
Jaindl, O. J. (2 ME)*	Allentown, Pa.
Jameson, L. H. (S)	Clemson
Jamison, T. W. (3 EE)	Trenton
Jenkins, A. C. (2 A-Agron)	Clemson
Johnson, R. N. (1 E-CE)	Marion
Jones, H. B. (2 A-AH)	Marion
Jones, J. E. (1 TM)	Belton
Jones, R. L. (2 ME)	Pauline
Jones, W. A. (2 EE)	Neeses
Jones, W. E. (1 E-ME)*	Durham, N. C.
Jordan, H. A. (1 VAE)*	Hartsville
Joyce, H. S. (3 EE)	Stoneville, N. C.
Justus, H. A. (1 A)*	Hendersonville, N. C.
Kea, H. M. (2 TM)*	Rocky Ford, Ga.
Kearse, C. M. (1 Pre-For)	Olar
Kennedy, C. W. (1 E-TE)*	Greenville
Kerr, H. B. (S)*	Clemson
Ketchum, W. J. (PG Ch En)	Savannah, Ga.
Kilpatrick, E. T. (1 E-EE)*	Greenville
Kinard, G. C. (S)*	Walhalla
King, J. C. (2 ME)	McBee
King, L. O. (1 Ar En)	Anderson
King, R. L. (1 TM)*	Abbeville
Klein, A. (1 TM)*	Milton, Del.
Klein, J. (1 TC)*	West Hazelton, Pa.
Knoebel, F. W. (1 TM)*	West Orange, N. J.
Lackey, F. V. (1 E-EE)*	Lake City
Lambert, J. W. (2 TM)*	Woodruff
Lawrence, R. T. (1 Arch)*	Memphis, Tenn.
Lay, C. W. (1 VAE)*	West Union
Layton, R. D. (1 TM)*	Anderson
LeFevre, L. B. (3 ME)	Augusta, Ga.
Lefort, H. G. (1 E-EE)*	Upper Marlboro, Md.
LeGette, M. A. (2 EE)*	Floral Park, N. Y.
Lewis, R. S. (3 ME)	Washington, D. C.
Liebenrood, A. E. (2 A-AH)	Mount Pleasant
Lindsey, F. M. (1 E-TE)*	Taylors
Long, Charles W. (1 E-TE)*	Conway

Name and Course	Address
Long, R. O. (2 CE)	Walhalla
Lorelle, R. R. (1 A-AH)*	Brooklyn, N. Y.
Love, H. G. (PG Arch)*	Columbia
Love, R. L. (3 VAE)	Hendersonville, N. C.
Lumley, H. (4 TE)	Greenwood
Lusk, L. J. (1 TM)*	Greenville
McAfee, W. A. (2 ME)	York
McConnell, H. E. (2 EE)	Piedmont
McCormick, L. S. (1 E-EE)*	Orangeburg
McCreight, C. R. (2 Arch)*	Columbia
McDonald, P. H. (S)*	Clemson
McElroy, E. C. (1 E-EE)*	New York, N. Y.
McIver, W. C. (2 Pre-Med)*	Marion, N. C.
McKee, J. L. (3 Agron)	Chester
McKenzie, G. S. (3 VAE)	McColl
McKeown, H. A. (1 TM)	Chester
McKinney, R. Bowen (2 EE)	Salisbury, N. C.
McLane, S. F. (1 Ind Ed)	Gaffney
McLean, H. (1 Chem)*	Greenville
McMillan, T. W. (2 TM)*	Central
McNair, S. M. (1 TM)	Hartsville
Macon, G. E. (2 EE)	Marion
Maffett, C. W. (3 CE)	Johnston
Magruder, L. M. (3 A&S)	Sarasota, Fla.
Mann, C. L. (1 Arch)*	Winnsboro
Marett, J. D. (1 VAE)	Greenville
Martin, E. E. (2 A&S)	Greenwood
Martin, John A. (S)	Clemson
Martin, W. T. (2 TM)*	Lawndale, N. C.
Mason, Z. T. (1 E-EE)	Manning
Mattox, J. D. (1 TM)*	Columbia
Mays, K. W. (1 A&S)	Columbia
Menius, A. C. (S)*	Clemson
Mentz, J. F. (1 E-ME)*	Lindenhurst, N. Y.
Miller, T. D. (3 TM)	Chester
Miller, W. G. (S)*	Clemson
Minton, R. H. (1 Arch)*	Mountainside, N. J.
Morgan, H. E. (2 Ind Ed)	Salisbury, N. C.
Morris, A. R. (2 A-AH)	Olar
Muldrow, R. J. (1 A-AH)*	Florence
Muldrow, R. W. (2 ME)*	Sumter
Mundy, C. E. (1 E-EE)*	Ware Shoals
Nelson, K. E. (1 E-EE)*	Greenville
Nesbit, W. J. (1 A&S)*	St. Petersburg, Fla.
Nissen, E. E. (2 A)*	Columbia
Noel, E. W. (1 E-TE)*	Saluda
Nunnery, T. W. (1 E-EE)	Edgemoor
Oakley, J. W. (1 E-EE)	Anderson
Oetgen, J. W. (2 ME)*	Savannah, Ga.
Oliver, W. B. (1 E-ME)*	Charleston
Ormand, J. M. (2 TM)*	Thomaston, Ga.
Ortkiese, L. N. (2 Chem)*	New Orleans, La.
Osborne, P. R. (1 TM)*	Kingsport, Tenn.
O'Shields, W. C. (1 A)*	Tucapau
Pace, B. (1 VAE)*	Hendersonville, N. C.
Parker, J. W. (1 E-ME)*	Savannah, Ga.
Patten, M. I. (2 Ind Ed)	Easley
Patton, R. H. (2 VAE)	Gray Court
Paysinger, S. B. (3 Ind Ed)	Ninety Six
Peppers, C. H. (2 Pre-Med)	Taylors
Peschl, A. T. (1 Pre-Med)	Hendersonville, N. C.
Peterman, M. (1 E-EE)*	Warner Robins, Ga.
Powell, H. B. (4 ME)	Spartanburg
Power, S. C. (1 E-CE)	Laurens
Ragsdale, L. M. (1 E-CE)*	Honea Path
Raines, H. M. (2 A)	Mountain Rest
Rampey, W. W. (1 E-ME)	Easley
Rankin, D. M. (2 A-AH)*	Gastonia, N. C.
Rea, L. M. (2 Ag En)*	Matthews, N. C.
Reynolds, P. G. (2 Ar En)	Sumter
Rice, B. M. (1 E-EE)*	Hartwell, Ga.

Name and Course	Address
Richardson, D. (S)	Clemson
Rivera, A. M. (1 E-ME)*	Guantanama, Cuba
Roberts, H. W. (1 E-EE)	Atkinson, N. C.
Robertson, W. B. (3 TC)	Hagerstown, Md.
Rogers, C. T. (1 A-AH)*	Hemingway
Rollins, V. A. (1 E-ME)*	Greenville
Rollins, W. (1 TM)	Kershaw
Rostron, J. P. (S)	Clemson
Rowland, L. M. (1 TM)*	Walhalla
Ruitenberg, C. O. (1 Arch)*	Paterson, N. J.
Sanders, J. D. (1 E-CE)*	Blacksburg
Santos, W. A. (1 Arch)*	Charleston
Scarborough, A. K. (2 Ch En)*	Winston-Salem, N. C.
Scott, E. B. (S)	Clemson
Scott, J. C. (2 TM)	Columbia
Segars, R. W. (2 CE)*	Hartsville
Shirley, J. G. (1 E-ME)*	Piedmont
Shirley, J. R. (1 TM)*	Greenville
Shiver, J. M. (1 A-Agron)	Rembert
Shores, R. L. (1 TM)*	Spartanburg
Shull, M. D. (1 A-Dairy)*	Wagener
Sigmon, L. J. (1 TM)*	Newton, N. C.
Simmons, W. H. (1 Arch)*	Long Island City, N. Y.
Sinclair, A. R. (2 EE)	Forest Park, Ga.
Sizemore, G. C. (1 Ar En)*	Greenville
Smith, Claude B. (1 A-Agron)*	Florence
Smith, F. V. H. (2 Arch)*	Charlotte, N. C.
Smith, James E. (1 A&S)*	Greenville
Smith, J. G. (2 A-AH)	Orangeburg
Smith, J. W. (2 A-Hort)	Lancaster
Smith, R. G. (2 TE)	Greenville
Smith, W. E. (1 Ar En)*	Charleston
Stackhouse, W. C. (PG Agron)*	Marion
Stanley, E. L. (S)*	Clemson
Stenstrom, E. F. (S)	Clemson
Stevenson, John A. (1 Ind Ed)*	Winchester, Mass.
Stewart, J. E. (2 CE)	Central
Stewart, J. R. (3 EE)	Clemson
Stewart, R. S. (1 VAE)*	Fountain Inn
Still, W. C. (1 A&S)*	Bethlehem, Pa.
Stilwell, J. R. (1 Pre-Med)*	Charleston
Storey, P. E. (2 EE)	Greenville
Stover, F. R. (2 VAE)	Kershaw
Sutherland, L. A. (1 E-ME)*	Anderson
Swittenberg, R. L. (1 A&S)	Anderson
Taylor, K. Z. (1 E-EE)	Liberty
Taylor, W. H. (2 TM)	Newnan, Ga.
Temple, W. W. (2 TM)	Level Land
Terry, J. E. (2 VAE)	Iva
Thomas, H. C. (1 VAE)*	Waterloo
Thomas, R. R. (1 A-Dairy)	Cope
Threatt, M. B. (1 TM)*	Lancaster
Tidwell, R. (1 E-CE)*	Greenville
Tinsley, S. W. (2 A-Ag Ec)	Spartanburg
Tribble, J. C. (1 E-ME)*	Greenwood
Trotter, M. (1 TM)	Greenville
Turner, W. H. (1 A&S)	Greenville
Varn, H. W. (2 CE)	Walterboro
Veale, J. C. (1 Ar En)*	Savannah, Ga.
Ward, R. D. (1 A)*	Chester
Ware, G. D. (3 ME)	Iva
Watkins, C. B. (2 Ch En)*	Augusta, Ga.
Watson, C. K. (4 Dairy)	Anderson
Watts, A. J. (3 ME)	Mayesville
Webb, C. L. (1 VAE)*	Ridgeland
Webb, H. W. (S)	Westminster
Webb, L. W. (1 VAE)*	Ridgeland
Weedon, C. H. (2 Chem)*	Rutherfordton, N. C.
Weeks, J. J. (2 ME)	Charlotte, N. C.
Welsh, W. T. (1 E-ME)	Anderson
Weston, T. I. (2 ME)*	Columbia
Wheeler, R. F. (S)	Clemson
Whitten, W. A. (1 A&S)	Anderson
Wilbanks, J. T. (1 TM)	Clemson
Williams, H. R. (1 A-Ag Ec)*	Smoaks
Williams, J. Frederick (G)*	York
Williams, W. C. (3 Ind Ed)	Central
Williamson, D. H. (2 ME)*	Florence
Williamson, K. R. (1 E-Ag En)	Cades
Wilson, C. A. (1 A)*	Bamberg
Wilson, J. Kenneth (1 VAE)*	Cades
Winter, A. A. (1 Ind Ed)*	Dothan, Ala.
Wofford, B. E. (1 TM)*	Schoolfield, Va.
Wolfe, E. C. (2 A-AH)	Inman
Wolfe, J. D. (1 E-EE)	Rock Hill
Woodham, H. B. (1 A)	Bishopville
Wyatt, C. R. (1 Ar En)*	West Union
Wylie, A. W. (1 A-Hort)*	Winnsboro
Young, S. R. (1 Arch)	Sumter
Zatcoff, A. (1 TM)*	Philadelphia, Pa.

† Students enrolled for the second semester who were not enrolled for the first semester. In this list, students are classified according to their credits at the beginning of the second semester; new students admitted at the beginning of the second semester are indicated by an asterisk (*).

NUMBER OF STUDENTS MAJORING IN EACH CURRICULUM
1948-1949

Classification	Agriculture	Agricultural Engineering	Pre-Forestry	Arts and Sciences	Industrial Physics	Pre-Medicine	Chemistry	Architectural Engineering	Architecture	Chemical Engineering	Chemistry-Engineering	Civil Engineering	Electrical Engineering
Senior	92	33	0	47	7	19	14	9	38	12	1	71	88
Junior	108	44	1	68	17	29	7	31	33	15	0	58	69
Sophomore	139	32	6	40	2	30	13	21	37	20	0	45	102
Freshman	171	27	9	47	3	31	10	23	53	13	0	72	91
Postgraduate													
Graduate													
Special Graduate													
Special													
Total	510	136	16	202	29	109	44	84	161	60	1	246	350

	Mechanical Engineering	Textile Chemistry	Textile Engineering	Textile Manufacturing	Vocational Agricultural Education	Education	Industrial Education	Postgraduate	Graduate	Special Graduate	Special	Enrollment by Classes
Senior	79	14	27	102	43	1	10					707
Junior	90	22	46	168	49	3	25					883
Sophomore	110	7	28	184	65	1	18					900
Freshman	126	14	70	226	64	10	12					1072
Postgraduate								14				14
Graduate									2			2
Special Graduate										9		9
Special											58	58
Total	405	57	171	680	221	15	65	14	2	9	58	3645

ENROLLMENT BY COUNTIES AND STATES

1948-1949

County	*Total*
Abbeville	43
Aiken	79
Allendale	13
Anderson	228
Bamberg	18
Barnwell	21
Beaufort	23
Berkeley	11
Calhoun	15
Charleston	143
Cherokee	46
Chester	68
Chesterfield	28
Clarendon	29
Colleton	29
Darlington	56
Dillon	25
Dorchester	18
Edgefield	26
Fairfield	30
Florence	92
Georgetown	33
Greenville	356
Greenwood	95
Hampton	18
Horry	38
Jasper	18
Kershaw	18
Lancaster	41
Laurens	72
Lee	21
Lexington	39
Marion	56
Marlboro	32
McCormick	17
Newberry	51
Oconee	174
Orangeburg	78
Pickens	156
Richland	96
Saluda	21
Spartanburg	246
Sumter	71
Union	54
Williamsburg	23
York	118
South Carolina Total	2983

State or Country	*Total*
Alabama	12
Arkansas	1
California	1
Connecticut	4
Costa Rica	1
Cuba	2
District of Columbia	23
Florida	42
Georgia	145
Illinois	4
Indiana	2
Kentucky	6
Louisiana	3
Maine	3
Maryland	4
Massachusetts	11
Michigan	1
Minnesota	1
Mississippi	2
Missouri	2
New Jersey	32
New York	44
North Carolina	207
Ohio	4
Pennsylvania	30
Puerto Rico	3
Rhode Island	2
South Carolina	2983
South Dakota	1
Tennessee	38
Territory of Hawaii	1
Texas	1
Virginia	21
West Virginia	6
Wisconsin	2
Grand Total	3645

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